TAPR Regional Digital Frequency Mailing List Archive, October 1995 through September 2000

October 1995 through September 2000

TAPR's discussion list for regional and national digital bandplanning, frequency coordination, and the relationship between amateur digital networks and established coordinating organizations.

This volume contains 36 original monthly files and 452 messages, arranged chronologically. The PDF is a readable access copy: MIME transfer encodings are decoded, HTML bodies are converted to plain text, and non-text attachments are represented by descriptive notes. The raw source text is supplied separately with the Internet Archive item.

Month	Messages	Original source file
1995-10	31	regional_freq.9510
1995-11	9	regional_freq.9511
1995-12	34	regional_freq.9512
1996-04	3	regional_freq.9604
1996-09	13	regional_freq.9609
1996-10	4	regional_freq.9610
1996-11	22	regional_freq.9611
1996-12	16	regional_freq.9612
1997-01	8	regional_freq.9701
1997-02	128	regional_freq.9702
1997-03	62	regional_freq.9703
1997-04	34	regional_freq.9704
1997-05	4	regional_freq.9705
1997-06	3	regional_freq.9706
1997-07	7	regional_freq.9707
1997-08	1	regional_freq.9708
1997-09	9	regional_freq.9709
1997-11	7	regional_freq.9711
1997-12	4	regional_freq.9712
1998-01	9	regional_freq.9801
1998-02	2	regional_freq.9802
1998-03	12	regional_freq.9803
1998-04	1	regional_freq.9804
1998-05	5	regional_freq.9805
1998-06	4	regional_freq.9806
1998-08	1	regional_freq.9808
1998-09	2	regional_freq.9809
1998-11	1	regional_freq.9811

Month	Messages	Original source file
1999-01	2	regional_freq.9901
1999-04	3	regional_freq.9904
1999-05	2	regional_freq.9905
1999-07	1	regional_freq.9907
1999-09	1	regional_freq.9909
1999-10	1	regional_freq.9910
2000-05	1	regional_freq.0005
2000-09	5	regional_freq.0009

October 1995

Original source file: regional_freq.9510
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1995-10/REGIONAL_FREQ_1995-10.txt

1. Welcome!

```
From: Dan Puckett <danp@comp.uark.edu>
Date: Mon, 16 Oct 1995 11:31:21 -0500 (CDT)
To: REGIONAL_FREQ@tapr.org
Message-ID: <Pine.SOL.3.91.951016105422.6991D-100000@comp>
Rendered body type: text/plain
```

I just finished uploading the welcome and info files for the REGIONAL_FREQ list. Since the list came to life (and each of you were added) before these files were in place for new subscribers, I thought it appropriate to send out the following, just to get things started. TAPR prefers that the list remain open, but that it not be advertised across the PBBS network or the the Internet in a wholesale fashion. I will send subscription invitations to each of the regional packet organizations of which I am aware and then publish that list here. If I miss anyone, please help me fill in the gaps. Thanks for your participation!

-DanP

```
_____________________________________
 _________/   ____/   _/_____/ _/_____/
    _/    _/     _/ _/    _/ _/    _/
   _/    _/____/_/ _/_____/ _/_____/
  _/    _/      _/ _/        _/   _/
 _/    _/     _/ _/        _/     _/
_____________________________________
```

Welcome to the TAPR Regional Digital Frequency Mailing List!

REGIONAL_FREQ is an electronic discussion about:
---

1. Regional (and possibly national) digital bandplanning.

2. The relationship of digital organizations with established amateur frequency coordination organizations (MACC, SERA, T-MARC, etc).

3. Proper characterization of "coordination" as it applies to amateur digital networks.

4. The role of TAPR and regional digital groups in the formation of a proposed organization that will serve as a Single Point of Contact for the FCC, regarding amateur frequency coordination issues.

5. Other topics as deemed relevant to the discussion at hand.

Purpose of the List

The charter of the REGIONAL_FREQ mailing list is to provide a forum for the exchange of ideas about the relationship of amateur digital interests to the Single Point of Contact concept approved by the amateur coordination community at a meeting called by the ARRL in St Louis on October 7, 1995.

We hope REGIONAL_FREQ will help to develop consensus within the amateur digital community so that we may be effective in our involvement with the process of creating and implementing an SPOC organization.

Mechanics of the List

TAPR is committed to the success of the various SIG lists. All lists have tremendous potential, but TAPR does not want that potential to be lost.

The criteria for appropriate publication are simple: messages should 1) advance the discussion at hand, 2) not perpetuate one of our many Holy Wars (i.e., my OS is bigger than your OS, or "your protocol stinks because"), and 3) avoid personal attacks (FLAMES).

In addition, we wish to re-post traffic generated here on the PBBS network. Therefore, refrain from using profanity, and do not use the forum to promote commercial activity. Please stay focused on the issues which relate to the purpose of the forum charter.

If individuals abuse these standards over time, they will be removed from
the list. If such abuse is frequent, the mail list can become moderated at
the discretion of the list chairperson.

Our hope is that list members will bear in mind the goals of the list when
posting messages, and that very few messages will be considered outside of
these standards. If you feel that you must FLAME someone, do it via
personal mail or use one of the many other places available to vent spleen.
The forums are setup for positive, productive, cooperative discussions.

REGIONAL_FREQ Archive

Past messages from the REGIONAL_FREQ are availble in the TAPR.ORG archives.
Send mail to `listserv@tapr.org` with the following in the message body:

index tapr/regional_freq

Meetings

Qualified participants in REGIONAL_FREQ should make an effort to attend any
future meeting(s) called by the ARRL to define or implement the SPOC concept.
Qualification includes officer status in a digital organization, recognized
digital coordinator, etc. Those who do attend such meetings should caucus
among themselves to assure unified, effective representation of the amateur
digital community.

A Final Word

Thanks for being involved in REGIONAL_FREQ! The variety of ideas resulting
from electronic discussion can assure that we recognize opportunities
available to the digital community during the formation of SPOC. Your input
is appreciated!

73,

Dan Puckett K5FXB
List Chairperson

My primary email address (at work) is danp@comp.uark.edu, or via packet at
K5FXB@KA5BML.#NWAR.AR.USA.NOAM. My home phone number is (501) 443-4021
(before 9:30PM Central, please).

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000
****

To unsubscribe from this mailing list send a message to `listserv@tapr.org`
with the following line in the body of the message:

signoff regional_freq

2. Query..

From: Dan Puckett <danp@comp.uark.edu>
Date: Mon, 16 Oct 1995 11:48:16 -0500 (CDT)
To: REGIONAL_FREQ@tapr.org
Message-ID: <Pine.SOL.3.91.951016114339.6991G-100000@comp>
Rendered body type: text/plain

A question has been posed about the name of the list. It is still early
enough in the life of the list to change the name, if important. Your
input on this issue and anyting else in my initial statement about the
list is welcome.

-DanP

3. Slow Start?

From: Dan Puckett <danp@comp.uark.edu>
Date: Tue, 17 Oct 1995 10:52:54 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.951017090810.6991P-100000@comp>
Rendered body type: text/plain

Well... it has been a slow first 24 hours on the REGIONAL_FREQ listserv!
Allow me to comment on my interpretation of the sense of "regional" in the
name of the list:

It would seem to me that we represent "regional" packet organizations.

I don't see this effort as an attempt to create an SPOC representing digital interests before the SPOC being defined by the voice repeater coordination community and the ARRL (SPOC x 2 or Son of SPOC?). There really is no national charter for our collective deliberations.

I do see this as an opportunity for regional digital organizations to identify issues and work toward consensus - and thus to speak with the same voice when the time comes for input into the nuts and bolts details of SPOC with the FCC.

Does anyone else care to comment on this or make other statements about the purpose of the listserver?

...anbody out there?

-DanP

4. Regional Packet Freq List

From: Dan Puckett <danp@comp.uark.edu>
Date: Tue, 17 Oct 1995 13:15:33 -0500 (CDT)
To: info@code.org, ted@rmed.com, ddaley@adsnet.com, adrs@iea.com,
ki3v@connectus.com, dinod@deltanet.com, jra1054@tntech.edu,
neda@teledm.com, n7ipb@wetnet.wa.com, kb5mu@amsat.org, kb7uv@panix.com,
wo5h@tapr.org
Cc: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.951017105326.6991R-100000@comp>
Rendered body type: text/plain

The ARRL recently sponsored a meeting of amateur radio frequency coordinators in St. Charles MO. The purpose of the meeting was to consider the formation of an organization that would serve as a single point of contact between regional coordinators and the FCC. The majority of coordinators present at the meeting voted to do just that! A committee was chosen to draft a document that would define the new SPOC organization.

Digital interests were fairly well represented at the meeting and the chair promised that input from the digital community would be included in future proceedings related to the SPOC effort.

The digital representatives present at the meeting thought it a good idea to create a listserver to promote discussion of the issues of SPOC as they relate to packet radio. TAPR offered to provide the listserver and it has been activated. The list is open, but wholesale publicity is discouraged. This invitation to join the list is extended to you and your organization as a result of your entry in TAPR's list of regional packet organizations.

The following is from the welcome file for the new subscribers to the list. Perhaps it will give you a better idea of the purpose and scope of this effort. Please join us on REGIONAL_FREQ@TAPR.ORG!

-DanP

>
> Welcome to the TAPR Regional Digital Frequency Mailing List!
>
>
> REGIONAL_FREQ is an electronic discussion about:
> --
>
> 1. Regional (and possibly national) digital bandplanning.
>
> 2. The relationship of digital organizations with established amateur
> frequency coordination organizations (MACC, SERA, T-MARC, etc).
>
> 3. Proper characterization of "coordination" as it applies to amateur
> digital networks.
>
> 4. The role of TAPR and regional digital groups in the formation of a
> proposed organization that will serve as a Single Point of Contact
> for the FCC, regarding amateur frequency coordination issues.
>
> 5. Other topics as deemed relevant to the discussion at hand.
>
> Purpose of the List
> -------------------
> The charter of the REGIONAL_FREQ mailing list is to provide a forum for
> the exchange of ideas about the relationship of amateur digital interests

> to the Single Point of Contact concept approved by the amateur coordination
> community at a meeting called by the ARRL in St Louis on October 7, 1995.
>
> We hope REGIONAL_FREQ will help to develop consensus within the amateur
> digital community so that we may be effective in our involvement with
> the process of creating and implementing an SPOC organization.
>
> To Subscribe to the List
> ------------------------
> Send e-mail to `listserv@tapr.org` with the following in the body of the
> message:
>
>subscribe regional_freq FirstName LastName Callsign
>
>(substitute your own FirstName, LastName and Callsign)
>
>
> REGIONAL_FREQ Archive
> ---------------------
> Past messages from REGIONAL_FREQ are availble in the TAPR.ORG archives.
> Send mail to `listserv@tapr.org` with the following in the message body:
>
> index tapr/regional_freq
>
> A Final Word
> ------------
> Thanks for being involved in REGIONAL_FREQ! The variety of ideas resulting
> from electronic discussion can assure that we recognize opportunities
> available to the digital community during the formation of SPOC. Your input
> is appreciated!
>
> 73,
>
> Dan Puckett K5FXB
> List Chairperson
>
> --
> Tucson Amateur Packet Radio
> 8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000
> **

5. Re: 440 APRS monitoring links (fwd)

From: Greg Jones <gjones@tenet.edu>
Date: Tue, 17 Oct 1995 13:21:07 -0500 (CDT)
To: regional_freq@tapr.org (Dan Puckett)
Message-ID: <199510171821.NAA32101@Leslie-Francis.tenet.edu>
Rendered body type: text/plain

This is something that this group might be interested in looking at ?
The APRS operators are trying to work ouit a national freq in order to
provide APRS operations anywhere you goand thus track amateur dogin this.

The problem is easy -- no on can agree. This is a good example why people
point at digital operations as being a problem -- becuase someone will
eventually come up in ther weak signal area or where ever.

Just a thought. There is a long discussion on APRS SIG about this -- and
most of the tone is like this.

Just a thought.

Cheers - Greg

According to David Barrett:
>From daemon Tue Oct 17 12:50:28 1995
Date: Tue, 17 Oct 1995 12:42:11 -0500
Message-Id: <199510171725.MAA20860@sys1.tapr.org>
Reply-To: aprssig@tapr.org
Originator: aprssig@tapr.org
Sender: aprssig@tapr.org
Precedence: bulk
From: crpl.cedar-rapids.lib.ia.us@tapr.org (David Barrett)
To: aprssig@tapr.org
Subject: [APRSSIG:3891] Re: 440 APRS monitoring links
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio APRS Special Interest Group
Content-Type: text/plain; charset="us-ascii"
X-Mailer: Windows Eudora Version 1.4.4

>Bob   n6fri   says

>IF YOU THINK YOU NEED A NATION-WIDE frequency why not write to the major
>Lets continue to have Fun!
>
Gee's no need to SHOUT and then tell me to have fun!

I've never understood why ham's can seldom get together on an issue; I've
seen arguments about gates, how digi paths should be defined and on
frequency allocations.
My brother has been a ham since I was ten some 30 years, and everytime
something new comes along there's been gripes and complaint's and
territorial disputes; it really does get old!
The whole concept of a nation wide APRS frequency is that any mobile can be
tracked in any part of the country given total coverage. I agree that there
has to be coordination of the spectrum but I don't hear anyone proposing
how to do it or taking the initiative to get the job done.
I do remote sensing, and telemetry work for city goverment, so I have non
ham bandwith I can play on; I do fervently guard my bandwith allocation's
from misuse and interference and so appreciate Bob's concern's; I just hope
that permament frequencies can be found and maintained for APRS; cause I
just love hooking APRS to my scanner when they launch balloon's in Iowa or
Illinois! It's really entertaining to watch NHL driving around trying to
keep up!

barrett

[][][][

of coordination for these frequencies, that you should only use any kind of a
link on any frequency without their coordination. My suggestion of using some
frequency in the 440 band was only because of the number of hams that already
have dual band radios that would benefit. If it were just for me, personally,
I could use 2.4 gigs and have plenty of room.

//
//// Bob Hartman, N8MWZ   Grid Square EN70   ////
//// Lima, Ohio   40 45N, 084 06W   ////
//// <n8mwz@amsat.org>   Member ARRL, AMSAT, &   ////
//// VHF, UHF, OSCAR 13 {soon}   TAWG #OH89   ////
//

7. Re: Regional Packet Freq List

From: ki3v@connectus.com
Date: Tue, 17 Oct 1995 02:38:53 cdt
To: Dan Puckett <danp@comp.uark.edu>, info@code.org, ted@rmed.com,
ddaley@adsnet.com, adrs@iea.com, dinod@deltanet.com,
jra1054@tntech.edu, neda@teledm.com, n7ipb@wetnet.wa.com,
kb5mu@amsat.org, kb7uv@panix.com, wo5h@tapr.org
Cc: regional_freq@tapr.org
Message-ID: <30835D92-00000001@rnodx.connectus.com>
Rendered body type: text/plain

Great!! Glad to see a list on What other areas are doing for Packet
Coordinations. At first here in Nevada we ran into a road block with
a few sysops. After getting support from the majority of the Packet
sysops here in Northern Nevada and Souther Nevada we have put together
a Coordination Group under the ARRL recognized CARCON Repeater Group
here. Our organization is called the Nevada Packet Coordinators
Committee (NPCC). for those interested I can send you a copy of our
second Quarterly Newsletter...Called "The Rag". Just forward me your
address and Ill throw you on the mailing list.

I have attached a Word 6.0 copy of our current bandplan. Those
freqs with comments after them have been designated for that purpose.
Those with nothing, have been set aside for packet but nothing has
been requested for use on that frequency. I can also attach copies of
our coordination Policy and By Laws for those who are interested.

What do you think???

Thanks again Dan!!!

Rich Hallman NPCC President

****
Richard Hallman   ki3v@connectus.com
11870 Heartpine St
Reno Nv 89506   ki3v@w7ta.#nonev.nv
****

[Attachment: BANDPLAN.DOC; application/octet-stream; 23,552 bytes]

8. Re: [REGIONAL_FREQ:3] Slow Start?

From: "Karl Medcalf (WK5M)" <medcalf@databank.com>
Date: Wed, 18 Oct 1995 00:00:51 +0000
To: regional_freq@tapr.org
Message-ID: <199510180001.TAA21129@exodus.databank.com >
Rendered body type: text/plain

At 11:03 AM 10/17/95 -0500, you wrote:
>Well... it has been a slow first 24 hours on the REGIONAL_FREQ listserv!
>Allow me to comment on my interpretation of the sense of "regional" in the
>name of the list:
>
>It would seem to me that we represent "regional" packet organizations.
>

Hello All.

I agree that we represent "regional" or state organizations in our digital
efforts, but perhaps more than any other "coordination" group, we need some
NATIONAL guidelines. I would think the name of this server should possibly
reflect two things (if possible). 1. The DIGITAL aspects (regional_freq
doesn't make it for me). 2. The fact that this is intended to provide a
forum for nationwide discussion toward solving a future issue - national
coordination of packet/digital use.

>I don't see this effort as an attempt to create an SPOC representing
>digital interests before the SPOC being defined by the voice repeater
>coordination community and the ARRL (SPOC x 2 or Son of SPOC?). There
>really is no national charter for our collective deliberations.
>

I agree - if the SPOC comes to pass, and IF they also include the
recognition of digital as a real mode requiring coordination, we should use
that SPOC. If they fail in these two attempts, then we should look at
organizing our own system to achieve these goals.

73, Karl   Internet: medcalf@databank.com
                        Packet: WK5M @ WK5M.#NEKS.KS.USA.NOAM

***** The views and opinions expressed here are mine and do not *****
  *****   necessarily reflect those of my employer!   *****

9. Re: [REGIONAL_FREQ:7] Re: Regional Packet Freq List

From: "Karl Medcalf (WK5M)" <medcalf@databank.com>
Date: Wed, 18 Oct 1995 00:00:53 +0000
To: regional_freq@tapr.org
Message-ID: <199510180001.TAA21140@exodus.databank.com >
Rendered body type: text/plain

At 04:58 PM 10/17/95 -0500, you wrote:
>Great!!   Glad to see a list on What other areas are doing for Packet
>Coordinations.   At first here in Nevada we ran into a road block with
>a few sysops. After getting support from the majority of the Packet
>sysops here in Northern Nevada and Souther Nevada we have put together
>a Coordination Group under the ARRL recognized CARCON Repeater Group
>here.   Our organization is called the Nevada Packet Coordinators
>Committee (NPCC).   for those interested I can send you a copy of our
>second Quarterly Newsletter...Called "The Rag". Just forward me your
>address and Ill throw you on the mailing list.
>

Hello Rich.

Thanks for sending your bandplan around. This also shows the need for our
digital listserv system that's being implemented. Here in Kansas, we are NOT
permitted the use of frequencies between 440.00 and 444.00 for ANY purpose
other than the "coordinated" ATV that exists. Obviously this eliminates our
possible implementation of at least a part of your bandplan, and likewise
you could not implement the same plan we have.

I think these are the kind of topics we should discuss here, and provide a
unified request/input to the coordinators at the state and regional level
expressing our concerns.

Without their "blessing" on frequencies, we are stuck with taking whatever
we can get, which is often different from state to state.

BTW - we don't all have Word (fortunately I have WordView) so I'd suggest
that all such posts and attachments be saved in ASCII format.

73, Karl   Internet: medcalf@databank.com
                        Packet: WK5M @ WK5M.#NEKS.KS.USA.NOAM

***** The views and opinions expressed here are mine and do not *****
  *****   necessarily reflect those of my employer!   *****

10. Re: [REGIONAL_FREQ:9] Re: Regional Packet Freq List

From: Greg Jones <gjones@tenet.edu>
Date: Tue, 17 Oct 1995 21:28:53 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <199510180228.VAA22944@beall.tenet.edu>
Rendered body type: text/plain

Hi everyone -- I will be setting up an FTP area on the TAPR.ORG server this
week -- so we can drop these documents off in a central placed to be stored.
Will let you know when it is ready.

Cheers - Greg

According to Karl Medcalf:
>
> At 04:58 PM 10/17/95 -0500, you wrote:

> >Great!! Glad to see a list on What other areas are doing for Packet
> >Coordinations. At first here in Nevada we ran into a road block with
> >a few sysops. After getting support from the majority of the Packet
> >sysops here in Northern Nevada and Souther Nevada we have put together
> >a Coordination Group under the ARRL recognized CARCON Repeater Group
> >here. Our organization is called the Nevada Packet Coordinators
> >Committee (NPCC). for those interested I can send you a copy of our
> >second Quarterly Newsletter...Called "The Rag". Just forward me your
> >address and Ill throw you on the mailing list.
> >
>
> Hello Rich.
>
> Thanks for sending your bandplan around. This also shows the need for our
> digital listserv system that's being implemented. Here in Kansas, we are NOT
> permitted the use of frequencies between 440.00 and 444.00 for ANY purpose
> other than the "coordinated" ATV that exists. Obviously this eliminates our
> possible implementation of at least a part of your bandplan, and likewise
> you could not implement the same plan we have.
>
> I think these are the kind of topics we should discuss here, and provide a
> unified request/input to the coordinators at the state and regional level
> expressing our concerns.
>
> Without their "blessing" on frequencies, we are stuck with taking whatever
> we can get, which is often different from state to state.
>
> BTW - we don't all have Word (fortunately I have WordView) so I'd suggest
> that all such posts and attachments be saved in ASCII format.
>
>
> 73, Karl Internet: medcalf@databank.com
> Packet: WK5M @ WK5M.#NEKS.KS.USA.NOAM
>
> ***** The views and opinions expressed here are mine and do not *****
> ***** necessarily reflect those of my employer! *****
>
>
>

11. NEWSLINE RADIO - CBBS EDITION #948 - POSTED 10/13/95

From: Greg Jones <gjones@tenet.edu>
Date: Tue, 17 Oct 1995 22:43:19 -0500 (CDT)
To: regional_freq@tapr.org (Dan Puckett), tapr-board@tapr.org (TAPR Board),
tprs-board@tapr.org (TPRS Board)
Message-ID: <199510180343.WAA21428@Leslie-Francis.tenet.edu>
Rendered body type: text/plain

++

NEWSLINE RADIO - CBBS EDITION #948 - POSTED 10/13/95

Check with your local amateur radio club to see if NEWSLINE can be heard weekly on the air in your area.

Articles may be reproduced if printed in their entirety and credit is given to AMATEUR RADIO NEWSLINE as being the source.

The following is a QST

Repeater coordinators meet in St. Louis and change the very basis of repeater coordination. Also more on the aftermath of Hurricane Opel and another Big MACC attack. These stories and more on Newsline report number 948 for release on Friday, October 13, 1995 coming your way right now!

REPEATER COORDINATORS MEET

The nations repeater frequency coordinators have met with the ARRL and the FCC in St. Charles, Missouri. It was a politically charged meeting that has changed the face of VHF operation forever. This is because there is now a tentative agreement by which the American Radio Relay League has tentatively agreed, subject to board approval, to represent the nations coordinators to the FCC. This, in exchange for the commission recognizing the work of the coordinators and possibly making their decisions binding on the ham radio community.

The meeting was held at the Best Western Noah's Ark motor hotel not far from the St. Louis Airport. About fifty of the nations sixty five recognized repeater coordinators were present. Also in the room were

representatives of packet radio, amateur television and other modes that use the VHF and UHF spectrum, but from the outset it was made clear that this meeting was to discuss the problems of FM voice repeater coordination only. Even though he was there unofficially, the tone of the meeting was set by the keynote speaker Ralph Haller, N4RH, Deputy Chief of the FCC's Wireless Telecommunications Bureau:

"I'm particularly delighted that all of you have taken time from your schedules to be here and you have shown so much interest in this matter, that you would come to St. Louis on a Saturday.

I would like to ask that we try to stay focused. In talking to you, I know a number of you in this room have lots of other concerns. Enforcement, changes in the volunteer examine program, but that is not what today's meeting is about. Today's meeting is to talk about frequency coordination. An opportunity to get to really get to know each other. And it's an opportunity to bring frequency coordination to yet a higher plateau. So during the day let's stay focused on the real issue of why we are here. Let's not get side tracked on other issues that can easily take up the day. Let's stay focused on frequency coordination. This is a truly historic day in the history of Amateur Radio." Haller, N4HY

Historic yes, but not without its problems. For a while, the entire proceeding seemed to be slipping away as the political differences between various coordinators and between some coordinators and the ARRL took center stage. As a result, much of the early discussion derailed into matters of finite detail rather than the general picture that Haller had requested. So, not unlike other legislative bodies in a state of conflict, the group recessed. It was when the meeting reconvened that headway began. Owen Wormser, K6LEW, the president of the Mid Atlantic Repeater Council was the person who brought it back on track:

"For the sake of a beginning can we agree that those that are listed in the current ARRL Repeater Directory as coordinators for their specific areas etc. are in fact the baseline from which we can begin. Perhaps, but not the final solution, perhaps not the end of it, but can we agree that that is at least the beginning. Because where the next point goes is, if that is agreed then we have something else to say. And that is that in the longer term our objective is to produce the white paper which will be delivered by a committee from this organization. Not an ad hoc committee. This is our organization. So our committee will deliver to Mr. Haller the white paper. That white paper out of our consensus down stairs will address the specificity of a single point of contact, an organization, not a single individual paralleling very closely the commercial representation to the FCC in the form of a single point of contact. And that in order to get some recognized coordinators to single point of contact, there is a lot of specificity that must be put into this white paper." Wormser, K6LEW

Owen Wormser set the stage for the group to arrive at a consensus, but it would be many more hours before this would happen. A turning point came with the comments of Jim Fortney, K6IYK, who chairs Southern California's 220 MHz Spectrum Management Association. If Owen Wormser gave the assemblage its direction, it was Jim Fortney that added purpose:

"It has become very clear to me and I hope it would be clear to the majority of the rest of you, that the environment that the FCC finds itself in no longer allows us to use the methods and techniques that we have used in the past to deal with them. And that in fact that we better look at some new approaches. And one of those approaches that is being used elsewhere and has been suggested from a variety of directions that would be advantageous to us is if we, and I am talking about amateur radio, not repeater coordination necessarily, but amateur radio in total, we amateur radio had someone who represented us to the FCC." Fortney

Discussions and debates lasted another four hours. In the end it was decided to name the American Radio Relay League as the single point of contact, or spoc, between the nations frequency coordinators and the FCC. A committee chaired by Owen Wormser, K6LEW was empowered to draft a white paper setting forth the goals of the spoc. This paper will be circulated to all the nations recognized frequency coordinators listed in the ARRL repeater directory for comment before a final version is submitted. All of this seemed to please the FCC's Haller:

"Clearly this afternoon, I think tremendous progress has been made. And I look forward to continuing to work with this group and your representatives who will ultimately be working with us directly in Washington. I think this is a giant move forward for Amateur Radio and I think it says a lot that all of you come here with such diverse views and

in the course of a few short hours reach this kind of consensus." Haller

There is still a lot to be done before recognition of the work of coordinators becomes reality. Two of the biggest hurdles are drafting a white paper acceptable to most coordinators and for the ARRL's Board of Directors to vote on whether or not it really wants the spoc job. The latter will happen in mid January.

But assuming both of these tasks are accomplished, it may eventually mean that the average ham, people like you and me who simply operate FM with a mobile rig or an HT can be assured that the day of the so-called pirate repeater will come to an end. That our ability to communicate through our favorite repeater with a minimum of interference from another uncoordinated and unwanted repeater on the same channel pair, will be assured. And from a users point of view, what more can an FM enthusiast want.

NEW MACC MEMBERS

Also making news in St. Charles is an announcement by the giant Mid America Coordination Council. The big MACC, as it has become known, has swallowed up two more regions. Not surprising was the decision by Eastern Washington state and the Idaho Panhandle to fall under the MACC umbrella. What caught everyone by surprise was an announcement by California's Northern Amateur Relay Council that it too was joining MACC. Don Smith, W6NKF, the President of NARC says its time that hams in California drop their isolationist policies:

"The way that coordination and everything else is going to go. If we have a united front, we have a better of than if we are a bunch of splinters. And I think we need, in this point in time, a united front." Smith

Does this mean that Southern California is next? Probably not. This is because frequency coordination in Southern California is by several different organizations acting as caretakers for various repeater subbands. Also, there is the turmoil on two meters as to who really is the frequency coordinator with nine groups challenging the long term coordinator for that position. Southern California will have to solve a lot of regional problems before any umbrella group will bother to give it an ear.

Meantime, the Mid America Coordination Council is now a consortium of 22 amateur radio frequency coordination entities serving 18 states and portions of 3 others. Each entity is autonomous within the MACC organization with all MACC frequency coordination policies and guidelines being advisory only. In addition to providing mutual recognition of frequency coordinators, MACC provides in house technical assistance and dispute mediation to those regions and entities requesting such services.

* * * Newsline is copyright 1995 All rights are reserved * * *

++

Hams may be used to grabbing two meter simplex channels, as the coordinators could not coordinate exclusive use except by mode as described in a local band plan.

The auxiliary and repeater sub-bands have always been coordinated to a amateur trustee for a specific use, location, erp power and area of coverage.

Coordination is far different than band planning as it gives specific rights to those who are coordinated as found in Part 97 of the rules.

I could not find any coordinated packet stations on 445.925 in the ARRL repeater directory. I found ten states with coordinated voice repeaters and found most of the north east coordinators had coordinated the frequency as an fm voice simplex frequency. This makes sense as there are few simplex voice frequencies in the 440 repeater sub-band

Looking closely in the directory you will see many coordinated packet activities across the nation in the auxiliary band near 439 MHz. This is the area of the band we should be looking for APRS backbone frequencies as we grow the network.

Most packet stations would rather be slightly removed from the 440 repeater band so their receiver is not desensed by the local 440 repeater. In the major metropolitan areas of the country packet and voice must share

the same hilltop for good coverage.

It is to our collective advantage to have our activities coordinated,
then next years grabbers will not be inclined to grab our frequencies.

Bob   n6fri

     Bob Wilkins   work   bwilkins@cave.org
 Berkeley, California   home   rwilkins@ccnet.com
     94712-2354   play   n6fri@n6eeg.#nocal.ca.usa.noam

12. List Name

From: Dan Puckett <danp@comp.uark.edu>
Date: Wed, 18 Oct 1995 14:42:45 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.951018114852.7873E-100000@comp>
Rendered body type: text/plain

I believe TAPR is willing to change the name of the list. Following the
change, we should all remain subscribed - we will simply have to use a
different address when we send to the list.

On Tue, 17 Oct 1995, Karl Medcalf (WK5M) wrote:

> ...I would think the name of this server should possibly
> reflect two things (if possible). 1. The DIGITAL aspects (regional_freq
                                        ^^^^^^^
Can we let the fact that the list is hosted by TAPR imply this aspect?

> doesn't make it for me). 2. The fact that this is intended to provide a
> forum for nationwide discussion toward solving a future issue - national
> coordination of packet/digital use.
  ^^^^^^^^^^^^
How about REGIONAL_COORD for the new name?

-DanP

13. Re: [REGIONAL_FREQ:12] List Name

From: "Karl Medcalf (WK5M)" <medcalf@databank.com>
Date: Thu, 19 Oct 1995 00:20:20 +0000
To: regional_freq@tapr.org
Message-ID: <199510190020.TAA14590@exodus.databank.com >
Rendered body type: text/plain

At 02:53 PM 10/18/95 -0500, you wrote:
>I believe TAPR is willing to change the name of the list. Following the
>change, we should all remain subscribed - we will simply have to use a
>different address when we send to the list.
>
>On Tue, 17 Oct 1995, Karl Medcalf (WK5M) wrote:
>
>> ...I would think the name of this server should possibly
>> reflect two things (if possible). 1. The DIGITAL aspects (regional_freq
>   ^^^^^^^
>Can we let the fact that the list is hosted by TAPR imply this aspect?
>

I'm not sure being hosted by TAPR implies digital as much as PACKET. I think
in the big picture (to avoid a massive blow-up 10 years from now) we should
look toward including ALL digital modes (even if that means digital VOICE).

>> doesn't make it for me). 2. The fact that this is intended to provide a
>> forum for nationwide discussion toward solving a future issue - national
>> coordination of packet/digital use.
> ^^^^^^^^^^^^
>How about REGIONAL_COORD for the new name?
>

What distinguishes regional VOICE coordinators from regional digital? Why
must we remain regional? True that we represent regional areas, but we have
nationwide (and even international) goals that may not be shared by other modes.

(BTW - just thought I'd kick this idea out for comments, but as you noted,
looks kinda slow on this remailer so far.)

73, Karl   Internet: medcalf@databank.com
                        Packet: WK5M @ WK5M.#NEKS.KS.USA.NOAM

```
*****  The views and opinions expressed here are mine and do not *****
  *****       necessarily reflect those of my employer!        *****
```

14. List Name

```
From: kn4aq.gary@mms.raleigh.nc.us
Date: Thu, 19 Oct 95 07:35:53
To: regional_freq@tapr.org
Message-ID: <9510190735.0AO9U00@mms.raleigh.nc.us>
Rendered body type: text/plain
```

```
. . . Quoting a message from Regional_freq@tapr.org:

>From: Dan Puckett <danp@comp.uark.edu>
>To: regional_freq@tapr.org
>Subject: [REGIONAL_FREQ:2] Query..
>
>A question has been posed about the name of the list.  It is still early
>enough in the life of the list to change the name, if important.  Your
>input on this issue and anyting else in my initial statement about the
>list is welcome.
>
>-DanP


Hi, Dan and All...

It might be a good idea to keep the list name a little obscure, since we're
not encouraging wholesale subscription -- let's see if it becomes hard to
let the intended audience know it exists.

73,

Gary Pearce KN4AQ
VP/FC Packet>East of NC
kn4aq.gary@mms.net
KN4AQ @ N1GMV.#RTP.NC.US.NOAM



Gary Pearce                                     kn4aq.gary@mms.raleigh.nc.us
KN4AQ
Raleigh, NC
```

15. Add to Mailing List (fwd)

```
From: Dan Puckett <danp@comp.uark.edu>
Date: Thu, 19 Oct 1995 16:06:12 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.951019160310.7873V-100000@comp>
Rendered body type: text/plain
```

```
Gary,  I have forwarded the info file to Chris.
Thanks for the referral!

-DanP
---------- Forwarded message ----------
Date: Thu, 19 Oct 95 07:35:54
From: kn4aq.gary@mms.raleigh.nc.us
To: danp@comp.uark.edu
Subject: Add to Mailing List

Hi, Dan...

Could you add Chris to the mailing list for Regional-Freq?  He responded to
my post on FidoNet.

Here's his info.  Thanks & 73, Gary KN4AQ

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

. . . Quoting a message from Chris Boone:

>Count me in.....as RF tech Director of TCAPS (TEXAS Coastal Amateur Pack
>based in Houston, we are the local Digital packet coordinators....
>
>and feel that some form of packet coordination needs to be addressed but
>the point where nodes, etc can be run off the channel (as almost happene
>neighboring state because one person wanted to be ALL....the PBBS, gatew
>and when the msgs he didnt like got zapped at his station, someone else
```

>a new node on the same channellllno problem BUT if his idea of packet
>coordination had been around, the new node wouldve been forced off the a
>NOONE would have benefitted except his ego....)
>
>I think as packet and other digital modes go, we need to manage our spec
>differently from analog voice systems (FM, ACSSB, etc)....
>I think that primarily, packet coordinators should make recommendations
>where major nodes should go and if someone else crops up there and inten
>jamming occurs, then the packet coordinating body steps in...(there was
>jamming by the second group in the above scenario...though it is alleged
>primary party did cause some jamming of the newer second node because th
>on "his" channel..)
>
>Hope to hear from you and others...my E mail address is currently thru
>Compuserve....
>72732.2610@compuserve.com....
>
>I hope to have an address thru my company's Internet tie shortly..
>(cboone@entergy.com)
>
>73
>Chris
>WB5ITT
>Former board member TX VHF FM Society
>RF TEch director TCAPS

Gary Pearce kn4aq.gary@mms.raleigh.nc.us
KN4AQ
Raleigh, NC

16. Re: [REGIONAL_FREQ:13] Re: List Name

From: Dan Puckett <danp@comp.uark.edu>
Date: Thu, 19 Oct 1995 17:01:32 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.951019162717.7873Z-100000@comp>
Rendered body type: text/plain

I understand your comments, Karl. But this is just a discussion - we aren't
naming an organization. So, I guess I am inclined to agree with Gary.

There have been some preparations toward a change to REGIONAL_COORD. So,
those of you who can't live with that, PLEASE SPEAK UP... If we are to
change it, let's get it done soon!

-DanP

On Wed, 18 Oct 1995, Karl Medcalf (WK5M) wrote:

> I'm not sure being hosted by TAPR implies digital as much as PACKET...
>
> What distinguishes regional VOICE coordinators from regional digital?...

On Thur, 19 Oct 1995, kn4aq.gary wrote:

> It might be a good idea to keep the list name a little obscure, since we're
                              ^^
> not encouraging wholesale subscription -- let's see if it becomes hard to
> let the intended audience know it exists.

17. Re: [REGIONAL_FREQ:16] Re: List Name

From: Bdale Garbee <bdale@gag.com>
Date: Fri, 20 Oct 1995 01:21:48 -0600
To: regional_freq@tapr.org
Message-ID: <199510200721.BAA10904@chunks.gag.com>
Rendered body type: text/plain

In article <Pine.SOL.3.91.951019162717.7873Z-100000@comp> you wrote:
: There have been some preparations toward a change to REGIONAL_COORD. So,
: those of you who can't live with that, PLEASE SPEAK UP... If we are to
: change it, let's get it done soon!

I don't see the point. REGIONAL_COORD doesn't make any more sense than
REGIONAL_FREQ. Leave it alone.

Bdale, N3EUA

18. Re: [REGIONAL_FREQ:17] Re: List Name

From: Greg Jones <gjones@tenet.edu>
Date: Fri, 20 Oct 1995 02:53:01 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <199510200753.CAA10179@Leslie-Francis.tenet.edu>
Rendered body type: text/plain

I read a very interesting dissertation paper the other day concerning the analysis of discourse on various listservs. One of the areas that the reseacher noted of interest was the amonnt of time people spent talking about new list names -- and the researcher felt that lots of time was wasted on the importantce of the name over the discourse.

So I agree with Bdale 100%

Anyway -- does it matter what the name of the list is ? If the name keeps peopel from joining -- yeah better change it.

Getting back to the list topic at hand ---

Has a second meeting been set yet ?

Does anyone know the schedule of getting the SPOC written ?

I think we should try to get Jim Fortney on the list, since he is a digital person and is on the committee writing the SPOC. He could give us updates.

Cheers - Greg

According to Bdale Garbee:
> In article <Pine.SOL.3.91.951019162717.7873Z-100000@comp> you wrote:
> : There have been some preparations toward a change to REGIONAL_COORD. So,
> : those of you who can't live with that, PLEASE SPEAK UP... If we are to
> : change it, let's get it done soon!
>
> I don't see the point. REGIONAL_COORD doesn't make any more sense than
> REGIONAL_FREQ. Leave it alone.
>
> Bdale, N3EUA
>

19. Re: [REGIONAL_FREQ:18] Re: List Name

From: "Karl Medcalf (WK5M)" <medcalf@databank.com>
Date: Fri, 20 Oct 1995 11:55:26 +0000
To: regional_freq@tapr.org
Message-ID: <199510201155.GAA02365@exodus.databank.com >
Rendered body type: text/plain

>Getting back to the list topic at hand ---
>
>Has a second meeting been set yet ?
>

Hello all.

>From the info I have, the next meeting would be in the Feb, Mar, Apr time frame, location not yet decided, but probably mid-west somewhere. Cities mentioned were St. Louis, Kansas City, Chicago, Dallas, Denver.

>Does anyone know the schedule of getting the SPOC written ?
>
I think the first draft of the MOU is due on November 7, and will be posted in the remailer (supposedly).

>I think we should try to get Jim Fortney on the list, since he is a digital
>person and is on the committee writing the SPOC. He could give us updates.
>

I agree. I have fears in the back of my head that say the MOU will not touch digitial coordination at all.

73, Karl Internet: medcalf@databank.com
Packet: WK5M @ WK5M.#NEKS.KS.USA.NOAM

```
*****  The views and opinions expressed here are mine and do not *****
  *****       necessarily reflect those of my employer!        *****
```

20. Re: [REGIONAL_FREQ:17] Re: List Name

From: "Rex H. Ishmael" <rishmael@halnet.com>
Date: Fri, 20 Oct 1995 09:02:43 -0500
To: regional_freq@tapr.org
Message-ID: <199510201406.AA45629@interlock.halnet.com>
Rendered body type: text/plain

```
At 02:38 AM 10/20/95 -0500, you wrote:
>In article <Pine.SOL.3.91.951019162717.7873Z-100000@comp> you wrote:
>: There have been some preparations toward a change to REGIONAL_COORD.  So,
>: those of you who can't live with that, PLEASE SPEAK UP...  If we are to
>: change it, let's get it done soon!
>
>I don't see the point.  REGIONAL_COORD doesn't make any more sense than
>REGIONAL_FREQ.  Leave it alone.
>
>Bdale, N3EUA
>

Agreed, I checked in to find out/input into any plans for coordinating
digital frequencies, not worry about a name for the group.
No matter what the SIG is called it needs to move on to the issues.

Of importance to me, is where are these established regional coordination
groups?  The last information I had about the Okla. Repeater coordinator is
he retired, and no one has stepped up to assume that "non-gratis" job. He may
have been working with a regional group, but I am in the dark about all of
this.  A little published information in generally wide spread amatuer
documents would be helpful (ie; QST and TAPR quarterly).  Maybe the group here
need not be overly advertised until we have something worthwhile to present,
but the general population needs some awareness level raising too.
========================================================================
Rex Ishmael, Environmental Engineer, Halliburton Energy Services
E-Mail:rishmael@halnet.com
Amatuer Mail: WD0AJG@WD0AJG.#SCOK.OK.USA.NOAM
========================================================================
```

21. Re: [REGIONAL_FREQ:19] Re: List Name

From: Greg Jones <gjones@tenet.edu>
Date: Fri, 20 Oct 1995 11:37:53 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <199510201637.LAA11151@Leslie-Francis.tenet.edu>
Rendered body type: text/plain

```
According to Karl Medcalf:
> >
>
> I agree. I have fears in the back of my head that say the MOU will not touch
> digitial coordination at all.
>

It wouldn't surprise me at all - becuase the purpose of the meeting was to
handle the VHF/UHF... repeater coordination issues in regards to interface to
the FCC - correct ?

This then only has to do with coordination of repeater systems.   Repeaters
are easy to point to and are defined very well.

I know in Texas we only coordinate digital systems that use repeater
offsets.  Bandplanning is the method used for all other digital areas.

The question that is going to concern the digital area will be where the
line is drawn between bandplanning and freq coordinations.

Coming to terms with how people view this in various regional areas is the key.

Greg

---

P.S.  To throw a little wrench into the engine -- what happens when we start
to implement SS systems that require no coordination becuase they don't
interfer ?
```

22. Re: [REGIONAL_FREQ:17] Re: List Name

From: Dan Puckett <danp@comp.uark.edu>
Date: Fri, 20 Oct 1995 14:39:52 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.951020143700.12245D-100000@comp>
Rendered body type: text/plain

On Fri, 20 Oct 1995, Bdale Garbee wrote:
>
> I don't see the point. REGIONAL_COORD doesn't make any more sense than
> REGIONAL_FREQ. Leave it alone.
                  ^^^^^^^^^^^^^^

Thank you, Bdale!! and so it shall be!

-DanP K5FXB

---

23. Re: Discussion

From: "Jay Townsend" <jayt@comtch.iea.com>
Date: Fri, 20 Oct 1995 13:45:56 -0700 (PDT)
To: regional_freq@tapr.org
Message-ID: <199510202045.UAA05471@comtch.iea.com>
Rendered body type: text/plain

Greg Jones wrote:
>
> According to Karl Medcalf:
> > >
> >
> > I agree. I have fears in the back of my head that say the MOU will not touch
> > digitial coordination at all.
> >
>
> It wouldn't surprise me at all - becuase the purpose of the meeting was to
> handle the VHF/UHF... repeater coordination issues in regards to interface to
> the FCC - correct ?
>
> This then only has to do with coordination of repeater systems.   Repeaters
> are easy to point to and are defined very well.

And are well defined in the rules and regulations. But I think that its
important to add digital if at all possible.

> I know in Texas we only coordinate digital systems that use repeater
> offsets. Bandplanning is the method used for all other digital areas.

Here in Eastern Washington/Idaho Panhandle we co-ordinate all systems
including packet and even some weird simplex freq's.

> The question that is going to concern the digital area will be where the
> line is drawn between bandplanning and freq coordinations.

Its fairly clear to me looking at band planning that this has never been
a particularly well thought out process. An easy example is the extra
area at the bottom of 2 meters reserved for something for so long that
will never (IHMO). The "spare" satellite band.

> Coming to terms with how people view this in various regional areas is the
> key.

Agreed. Because of hilltops in this part of the country that have extreme
range capabilities we tend to co-ordinate everything possible and have
had good luck with our local co-ordinator. Are problems have been when
putting up long range links into adjacent states. Some will co-ordinate
and some don't believe digital worthy or worth the effort.

Co-ordination also really helps in dealing with the repeater folks which
often if not always share these high mountain tops. If everyone knows
what is going where and on what frequency a lot of problems can be
avoided and this includes control and links. (Which usually are also
co-ordinated around here, tho they seem to be much like digital in that
its more of a gentlemen's thing).

--
Jay Townsend, WS7I < jayt@iea.com >

---

24. Re: [REGIONAL_FREQ:21] Re: List Name

From: "Karl Medcalf (WK5M)" <medcalf@databank.com>
Date: Sat, 21 Oct 1995 00:55:04 +0000
To: regional_freq@tapr.org
Message-ID: <199510210055.TAA17703@exodus.databank.com >
Rendered body type: text/plain

At 11:56 AM 10/20/95 -0500, you wrote:
>According to Karl Medcalf:
>> >
>>
>> I agree. I have fears in the back of my head that say the MOU will not touch
>> digitial coordination at all.
>>
>
>It wouldn't surprise me at all - becuase the purpose of the meeting was to
>handle the VHF/UHF... repeater coordination issues in regards to interface to
>the FCC - correct ?
>

According to the letter I received from ARRL President Rod Stafford, the
meeting would also have time for meetings concerning coordination with
"other emitters" such as packet/ATV. That got cancelled within 10 minutes of
the meeting being called to order. I think it MUST be addressed before the
MOU is written in stone.

>P.S. To throw a little wrench into the engine -- what happens when we start
>to implement SS systems that require no coordination becuase they don't
>interfer ?

If you truly believe that SS can't interfere, you are under a slight
mis-conception. I've been working with SS for about 15 years or so in
various occupations, and interference can exist if the systems are
hap-hazardly installed whenever/wherever anyone wants.

73, Karl   Internet: medcalf@databank.com
                        Packet: WK5M @ WK5M.#NEKS.KS.USA.NOAM

***** The views and opinions expressed here are mine and do not *****
  *****   necessarily reflect those of my employer!   *****

25. APRS, SERA, 440 plan

From: kn4aq.gary@mms.raleigh.nc.us
Date: Sun, 22 Oct 95 17:06:16
To: regional_freq@tapr.org
Message-ID: <9510221706.0O11900@mms.raleigh.nc.us>
Rendered body type: text/plain

APRS and the SERA 440 Band Plan

>This is something that this group might be interested in looking at ?
>The APRS operators are trying to work ouit a national freq in order to
>provide APRS operations anywhere you go and thus track.......
>
>Cheers - Greg

It's been a little hard to follow the APRS 440 thread, as it's been mixed
in with an awful lot of other mail -- I think I'll need to get a few extra
internet addresses to keep all the mailing list stuff straight.

A nationwide channel would be great for APRS... but several other uses may
claim the same advantage, and accomodating them all (or even just APRS)
might be difficult.

The various regional band plans might not overlap enough, and even if they
do, existing use may not permit one channel to be chosen nationwide without
dislocating current users.

But if it can be done... let's do it.

We now have the opportinity to pool our resources so we can look nationwide
and see what's available. Below I've included the digital portion of the
SERA band plan, adopted last year. Some of the channels are already in use
here in North Carolina.

73,
Gary Pearce KN4AQ

VP/FC Packet>East of NC
kn4aq.gary@mms.net

SERA UHF BAND PLAN:

This is the digital portion of the 440 MHz band plan that SERA announced
last year.

Channel Center	Note
430.050	100 kHz Wideband Simplex
430.150	100 kHz Wideband Simplex
430.250	100 kHz Wideband Simplex
430.350	100 kHz Wideband Simplex
430.450	100 kHz Wideband Simplex
430.550	100 kHz Wideband Simplex
430.650	100 kHz Wideband Simplex
430.750	100 kHz Wideband Simplex
430.850	100 kHz Wideband Simplex
430.950	100 kHz Wideband Simplex

****

440.025/445.025	50 kHz Wideband Pair (overlayed on 100 kHz pair)
440.050/445.050	100 kHz Wideband Pair
440.075/445.075	50 kHz Wideband Pair (overlayed on 100 kHz pair)
440.125/445.125	50 kHz Wideband Pair (overlayed on 100 kHz pair)
440.150/445.150	100 kHz Wideband Pair
440.175/445.175	50 kHz Wideband Pair (overlayed on 100 kHz pair)
440.225/445.225	50 kHz Wideband Pair (overlayed on 100 kHz pair)
440.250/445.250	100 kHz Wideband Pair
440.275/445.275	50 kHz Wideband Pair (overlayed on 100 kHz pair)
440.325/445.325	50 kHz Wideband Pair (overlayed on 100 kHz pair)
440.350/445.350	100 kHz Wideband Pair
440.375/445.375	50 kHz Wideband Pair (overlayed on 100 kHz pair)
440.425/445.425	50 kHz Wideband Pair (overlayed on 100 kHz pair)
440.450/445.450	100 kHz Wideband Pair
440.475/445.475	50 kHz Wideband Pair (overlayed on 100 kHz pair)

****

440.525/445.525	Narrowband Pairs (note: bandplan actually calls
440.550/445.550	for 12.5 kHz split channels -- only the 25 kHz
440.575/445.575	channels are listed here, both to save space,
440.600/445.600	and because I don't think they're usable - KN4AQ)
440.625/445.625	
440.650/445.650	
440.675/445.675	
440.700/445.700	
440.725/445.725	

****

440.925	Narrowand simplex (note: bandplan also calls for
440.950	12.5 kHz split channels here, also)
440.975	
441.000 ----------	SERA "National Packet Simplex Channel" (used as
441.025	network backbone in NC)
441.075	
441.100	
441.125	
441.150	
441.175	

Gary Pearce kn4aq.gary@mms.raleigh.nc.us
KN4AQ
Raleigh, NC

26. Re: [REGIONAL_FREQ:25] APRS, SERA, 440 plan

From: "Karl Medcalf (WK5M)" <medcalf@databank.com>
Date: Sun, 22 Oct 1995 21:50:57 +0000
To: regional_freq@tapr.org

Message-ID: <199510222151.QAA12057@exodus.databank.com >
Rendered body type: text/plain

At 04:16 PM 10/22/95 -0500, you wrote:
>
>
>
>   APRS and the SERA 440 Band Plan
>
>>This is something that this group might be interested in looking at ?
>>The APRS operators are trying to work ouit a national freq in order to
>>provide APRS operations anywhere you go and thus track.......
>>
>>Cheers - Greg
>
>
>It's been a little hard to follow the APRS 440 thread, as it's been mixed
>in with an awful lot of other mail -- I think I'll need to get a few extra
>internet addresses to keep all the mailing list stuff straight.
>
>A nationwide channel would be great for APRS... but several other uses may
>claim the same advantage, and accomodating them all (or even just APRS)
>might be difficult.
>
>The various regional band plans might not overlap enough, and even if they
>do, existing use may not permit one channel to be chosen nationwide without
>dislocating current users.
>
>But if it can be done... let's do it.
>
>We now have the opportinity to pool our resources so we can look nationwide
>and see what's available. Below I've included the digital portion of the
>SERA band plan, adopted last year. Some of the channels are already in use
>here in North Carolina.
>
>73,
>Gary Pearce KN4AQ
>VP/FC Packet>East of NC
>kn4aq.gary@mms.net
>
>
>   SERA UHF BAND PLAN:
>
>This is the digital portion of the 440 MHz band plan that SERA announced
>last year.
>
>Channel Center   Note
>
>430.050   100 kHz Wideband Simplex
>430.150   100 kHz Wideband Simplex
>430.250   100 kHz Wideband Simplex
>430.350   100 kHz Wideband Simplex
>430.450   100 kHz Wideband Simplex
>430.550   100 kHz Wideband Simplex
>430.650   100 kHz Wideband Simplex
>430.750   100 kHz Wideband Simplex
>430.850   100 kHz Wideband Simplex
>430.950   100 kHz Wideband Simplex
>
>   **
>
>   440.025/445.025   50 kHz Wideband Pair (overlayed on 100 kHz pair)
>440.050/445.050   100 kHz Wideband Pair
>   440.075/445.075   50 kHz Wideband Pair (overlayed on 100 kHz pair)
>   440.125/445.125   50 kHz Wideband Pair (overlayed on 100 kHz pair)
>440.150/445.150   100 kHz Wideband Pair
>   440.175/445.175   50 kHz Wideband Pair (overlayed on 100 kHz pair)
>   440.225/445.225   50 kHz Wideband Pair (overlayed on 100 kHz pair)
>440.250/445.250   100 kHz Wideband Pair
>   440.275/445.275   50 kHz Wideband Pair (overlayed on 100 kHz pair)
>   440.325/445.325   50 kHz Wideband Pair (overlayed on 100 kHz pair)
>440.350/445.350   100 kHz Wideband Pair
>   440.375/445.375   50 kHz Wideband Pair (overlayed on 100 kHz pair)
>   440.425/445.425   50 kHz Wideband Pair (overlayed on 100 kHz pair)
>440.450/445.450   100 kHz Wideband Pair
>   440.475/445.475   50 kHz Wideband Pair (overlayed on 100 kHz pair)
>
>   **
>
>440.525/445.525   Narrowband Pairs (note: bandplan actually calls

>440.550/445.550   for 12.5 kHz split channels -- only the 25 kHz
>440.575/445.575   channels are listed here, both to save space,
>440.600/445.600   and because I don't think they're usable - KN4AQ)
>440.625/445.625
>440.650/445.650
>440.675/445.675
>440.700/445.700
>440.725/445.725
>
>   **
>
>440.925   Narrowand simplex (note: bandplan also calls for
>440.950   12.5 kHz split channels here, also)
>440.975
>441.000 ------------ SERA "National Packet Simplex Channel" (used as
>441.025   network backbone in NC)
>441.075
>441.100
>441.125
>441.150
>441.175
>
>
>
>
>
>
>Gary Pearce   kn4aq.gary@mms.raleigh.nc.us
>KN4AQ
>Raleigh, NC
>
>

Hello gang.

Well, as I mentioned before, I would whole-heartedly support a national
bandplan for packet. The SERA bandplan looks reasonable, except in this area
(MACC) we are not permitted the use of any frequencies from 440 to 444 for
packet or even for voice repeaters due to ATV being installed in the area.

This is part of what we need to work on to provide a workable backbone, and
I'm sure it will take a lot of time and inter-regional discussions to
resolve. Let me know what I can do from this end to help.

73, Karl   Internet: medcalf@databank.com
                        Packet: WK5M @ WK5M.#NEKS.KS.USA.NOAM

***** The views and opinions expressed here are mine and do not *****
  *****   necessarily reflect those of my employer!   *****

27. FTP Area for REGIONAL_FREQ

From: Dan Puckett <danp@comp.uark.edu>
Date: Tue, 24 Oct 1995 11:12:08 -0500 (CDT)
To: REGIONAL_FREQ@tapr.org
Message-ID: <Pine.SOL.3.91.951024101927.25285D-100000@comp>
Rendered body type: text/plain

There is now an area on the TAPR server for files contributed by
regional_freq subscribers. I have placed ASCII versions of the two
state bandplans (KS and NV), that have been posted to the list, in
that area. You may retrieve those files via anonymous ftp to
tapr.org - the upload directory is: /tapr/SIG/regional_freq/upload.
The two bandplan files are: ks.plan.txt and nv.plan.txt. You may
also upload files into that area that you think might be of interest
to the group. A brief note to the group, explaining the files that
you upload, might be in order.

Due to a hard disk crash, any mail addressed to me between 2 a.m.
and 11:15 a.m. (CDT) yesterday (10/23) could be lost. If I fail to
respond to something, please try again :-)

-DanP

28. St Louis Meeting Tape

From: Greg Jones <gjones@tenet.edu>
Date: Sun, 29 Oct 1995 00:17:20 -0500 (CDT)
To: regional_freq@tapr.org (Dan Puckett)

Message-ID: <199510290517.AAA19112@Leslie-Francis.tenet.edu>
Rendered body type: text/plain

Bill Pasternack sent me the tapes from the meeting. Very interesting
hearing what Rod Stafford and Ralpha had to say.

With a few hours of work on my end -- they will be available via the TAPR
web page.

Cheers - Greg

29. St Louis Meeting Audio

From: Greg Jones <gjones@tenet.edu>
Date: Tue, 31 Oct 1995 00:27:47 -0600 (CST)
To: regional_freq@tapr.org (Dan Puckett), tapr-board@tapr.org (TAPR Board),
        tapr-sys@Leslie-Francis.tenet.edu,
        dewayne@warpspeed.com (Dewayne Hendricks)
Message-ID: <199510310627.AAA31075@Leslie-Francis.tenet.edu>
Rendered body type: text/plain

Hi folks -- I need some feedback on the following page:

http://www.tapr.org/tapr/html/arrlstlouis.html

before making it available to everyone.

After spending about 30 hours, I took the tapes that Bill Pasternak, WA6ITF,
sent me on the meeting, endocded them in AIF format, encoded them again in
realaudio and generated a web page with necessary text. Lots of fun :-)

Anyway -- the result is that the entire meeting is now available via the
internet.

There are a few holes to be filled - so if you have a callsign or I got a name
wrong, let me know.

The audio turned out really well - except for folks that didn't use the
mics in the back (then you can;t hear them).

Let me know what you think.

I still need to record the welcome message -- so that will result in an
error.

If everything looks okay -- we can make annouce it.

Cheers - Greg

30. Re: [REGIONAL_FREQ:29] St Louis Meeting Audio

From: Ken Chilton <chilton@emc.com>
Date: Tue, 31 Oct 1995 11:29:49 -0500
To: regional_freq@tapr.org
Message-ID: <199510311629.LAA08640@lss1074.lss.emc.com>
Rendered body type: text/plain

Could you make the AIF files available on ftp?

KC

31. Re: [REGIONAL_FREQ:30] Re: St Louis Meeting Audio

From: Greg Jones <gjones@tenet.edu>
Date: Tue, 31 Oct 1995 14:23:19 -0600 (CST)
To: regional_freq@tapr.org
Message-ID: <199510312023.OAA31958@Leslie-Francis.tenet.edu>
Rendered body type: text/plain

Nope. The entire AIF file sizes (for all files) was 400+ Megs. 40 mins of
audio was about 60Megs of AIF file. RealAudio makes it 60 Megs to about
1.3Megs.

Lucky I had a 2Gig HD.

Greg

According to Ken Chilton:
>
> Could you make the AIF files available on ftp?
>
> KC

>
>

November 1995

Original source file: regional_freq.9511
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1995-11/REGIONAL_FREQ_1995-11.txt

1. TAPR's NEW Virtual Meeting Page

```
From: Greg Jones <gjones@tenet.edu>
Date: Wed, 1 Nov 1995 02:54:29 -0600 (CST)
To: tapr-bb@tapr.org (TAPR-BB mailing), tapr-sys@tapr.org (TAPR SYS),
        regional_freq@tapr.org (Dan Puckett),
        0003241437@mcimail.com (Bill Pasternak),
        bstrick@Leslie-Francis.tenet.edu (Bob Stricklin N5BRG),
        mcdermot@eagle.aud.alcatel.com (Tom McDermott),
        karn@servo.qualcomm.com (Phil Karn), danp@comp.uark.edu (Dan Puckett),
        tapr-board@tapr.org (TAPR Board), psr@tapr.org (PSR),
        dsp-93@tapr.org (DSP-93 Build)
Message-ID: <199511010854.CAA10311@Leslie-Francis.tenet.edu>
Rendered body type: text/plain
```

TAPR is proud to announce the creation of a virtual meeting, workshop, and seminar page on the www.tapr.org pages.

On our new pages, TAPR uses the RealAudio system to make presentations available for a few events that many amateurs were not able to attend. TAPR is evaluating the RealAudio system, and its current implementation on the TAPR server is limited. The system only allows 6 concurrent connections, so if you find that an audio channel is busy -- try back at another time.

Please let us know what you think about this -- we really want to hear about your experience with these pages.

Currently, the virtual meeting pages include:

*** 1995 TAPR Annual Meeting, St Louis, MO.

Couldn't attend the TAPR meeting in March of 1995 ? Well - here is your opportunity to listen in to both the Sunday workshops. The TAPR/AMSAT DSP-93 Workshop by Bob Stricklin, N5BRG, and Tom McDermott, N5EG as well as a seminar on Error Control Coding by Phil Karn, KA9Q are made available. Using the Adobe Acrobat format (pdf) we have provided the overheads and between the audio and the overheads you should be able to get a lot from the workshop you couldn't attend!

*** Repeater Frequency Coordinators Meeting, Oct 7th, 1995

Hear the entire meeting of the nations repeater frequency coordinators who met with the ARRL and the FCC in St. Charles, Missouri, October 7th, 1995. Hear what was said by Rod Stafford, President of the ARRL and Ralph Haller, N4RH, Deputy Chief of the FCC's Wireless Telecommunications Bureau. Listen in on the eventual discussions, debates, and eventual outcomes. Read what Newsline published regarding the event.

*** Ham Radio and More Show, August 13th, 1995

Hear the August 13th guest, Greg Jones, WD5IVD, President of TAPR discuss digital issues and what TAPR is doing.

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000

---

e-mail: TAPR@TAPR.ORG ftp: ftp.tapr.org web: http://www.tapr.org

---

2. Re: Packet Coordination vs. Repeater Coordination

```
From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 02 Nov 95 14:09:09 EST
To: Digital Coordinators <regional_freq@tapr.org>
Cc: Dan Puckett <danp@comp.uark.edu>
```

Message-ID: <951102190909_73303.3537_FHM54-1@CompuServe.COM>
Rendered body type: text/plain

Dan Puckett asked that I repost the following article to the Digital Coordinator remailer. I have already sent it to the Repeater Coordinator remailer.

I was unable to attend the BOM due to schedule conflicts, however I recently wrote a RAIN Dial-Up editorial that was rebroadcast over a large number of repeaters in which I covered the similarities and differences in packet coordination vs. repeater coordination, but I'll try to summarize again here in the remailer.

Repeater & packet frequency coordination is not only similar, but critical in both cases. In fact packet coordination is in many cases more complicated than repeater coordination. In the case of LAN frequencies multiple BBSes can share a common LAN frequencies making them more spectrum efficient than a voice repeater which has historically required a dedicated frequency pair. In the case of packet backbone forwarding channels they require dedicated frequencies and the same degree of careful coordination that a voice repeater does.

There are those that say that you can't coordinate packet because every TNC can be a node or anyone can setup a BBS at home. However since many dual band rigs can cross-band repeat they are in essence repeaters. Not only that, but I know of a number of people who operate short range repeaters from their houses. In spite of this, we still coordinate repeater frequencies for obvious reasons and for the same reason we need to coordinate packet frequencies. Packet BBSes are typically run from home because of significant amount of daily maintenance required and because they're located at home doesn't make them any less reliable or significant.

In many areas packet frequency coordination was left up to the local packet club. It would be like leaving repeater frequency coordination in the hands of a single repeater club. Conflicts of interest are inevitable. In the Chicago area we founded in 1986 a packet frequency coordination organization independent from the packet radio club. Early on we worked closely with the state repeater coordinator to allocate frequencies to digital packet usage. This coordination is critical for true spectrum management to be achieved.

I have also suggested in another RAIN Dial-Up editorial that we need to become more spectrum efficient in how we allocate repeater frequencies. For example, many areas are decoordinating unused repeater pairs. That's a good start, however, many repeater pairs are allocated to inidviduals who have low profile, short range and in many cases virtually unused repeaters. These pairs are given the same geographic protection as high use repeaters. I suggest we take a cue from commercial services and begin allocating short range, low use repeaters to share common frequencies and develop mechnisms such as use of different PLs to allow these repeaters to share a frequency. This woud require a shift in repeater owners thinking from the current belief that they "own" a repeater frequency exclusively into perpetuity once it's been allocated to them. I'd like to see discussion here in the remailer about this.

Quite frankly, I was disappointed that the BOM apparently focused on repeaters and not on spectrum management. With the significant growth in the no-code Technician license there will continue to be a high demand for allocation & utilization of VHF/UHF frequencies. While repeaters are the major allocation of frequencies in the VHF/UHF bands, other modes, like digital require frequency coordination and are allocated significant amounts of frequecies. For example, in NE Illinois packet is allocated 500 KHz or 1/8 of the 2m band. I believe that the sooner we start thinking of spectrum management instead of repeater coordination that we'll begin to address issues like what and how much spectrum is allocated to other modes like packet, ATV, etc.

Perhaps once the SPOC issue is decided we can move on as a group to tackling spectrum management.

73, Mark Thompson, WB9QZB
Founder & Secretary, NIPRFC (Northern Illinois Packet Radio Frequency Council)

3. Packet Coordination vs. Repeater Coordination (fwd)

From: Dan Puckett <danp@comp.uark.edu>
Date: Fri, 3 Nov 1995 09:29:54 -0600 (CST)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.951103091848.18545C-100000@comp>
Rendered body type: text/plain

There has been some discussion of packet coordination on the frequency coordinators remailer. I suppose this helps pass the time as folks wait

for the draft of the Memorandum of Understanding that would establish the
Single Point of Contact discussed at the Oct 7 meeting in MO <grin>.
Anyhow, I thought the message that follows (cross-posted with permission)
might be a good starting place for discussion of our own.

BTW, Steve Grantham is SERA Director for the state of Missippi...

-DanP

---------- Forwarded message ----------

Gentlemen,

  It seems to me that there is a fundamental difference between repeater
coordination and packet coordination.

  While regional spectrum management and bandplanning have fallen, by
default, to the existing regional frequency coordination organizations due to
lack of action by the ARRL, and special interest groups, to address matters
of significant importance, it seems that the latecomers now want to reinvent
the wheel.

  New subregional packet organizations are now popping up across the country
with increasing frequency. With the birth of each new organization, comes
the desire to have a piece of the pie. If they're not wanting to redefine
bandplans, they're wanting to become frequency coordinators themselves.

  Having been an active packet BBS sysop, repeater operator, and coordinator,
my perspective follows...

  Packet Coordinators:

Digital councils and coordinators should be concerned with operational
covenants concerning traffic forwarding, planning and implementing networks
and systems, and planning installations on predefined digital simplex
channels.

  Repeater Coordinators:

The repeater coordinators are tasked with managing the paired frequencies as
defined in their frequency utilization plans.

  These are the basic differences, as I see them, between these coordinator
types.

  These points, as presented here, only present a rudimentary outline of the
situation. They are meant, only, to stimulate a discussion leading to a
common understanding of differences.

  Thank you for your attention and participation in the discussion.

73! Steve Grantham, N5DWU

4. Re: Packet Coordination vs. Repeater Coordination (fwd)

From: Dan Puckett <danp@comp.uark.edu>
Date: Fri, 3 Nov 1995 09:35:34 -0600 (CST)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.951103093253.18545D-100000@comp>
Rendered body type: text/plain

More from the coordinators remailer... this is forwarded with permission
as well, Mark is a member of this listserv.
-DanP
---------- Forwarded message ----------

I was unable to attend the BOM due to schedule conflicts, however I recently
wrote a RAIN Dial-Up editorial that was rebroadcast over a large number of
repeaters in which I covered the similarities and differences in packet
coordination vs. repeater coordination, but I'll try to summarize again here in
the remailer.

Repeater & packet frequency coordination is not only similar, but critical in
both cases. In fact packet coordination is in many cases more complicated than
repeater coordination. In the case of LAN frequencies multiple BBSes can share
a common LAN frequencies making them more spectrum efficient than a voice
repeater which has historically required a dedicated frequency pair. In the
case of packet backbone forwarding channels they require dedicated frequencies
and the same degree of careful coordination that a voice repeater does.

There are those that say that you can't coordinate packet because every TNC can be a node or anyone can setup a BBS at home. However since many dual band rigs can cross-band repeat they are in essence repeaters. Not only that, but I know of a number of people who operate short range repeaters from their houses. In spite of this, we still coordinate repeater frequencies for obvious reasons and for the same reason we need to coordinate packet frequencies. Packet BBSes are typically run from home because of significant amount of daily maintenance required and because they're located at home doesn't make them any less reliable or significant.

In many areas packet frequency coordination was left up to the local packet club. It would be like leaving repeater frequency coordination in the hands of a single repeater club. Conflicts of interest are inevitable. In the Chicago area we founded in 1986 a packet frequency coordination organization independent from the packet radio club. Early on we worked closely with the state repeater coordinator to allocate frequencies to digital packet usage. This coordination is critical for true spectrum management to be achieved.

I have also suggested in another RAIN Dial-Up editorial that we need to become more spectrum efficient in how we allocate repeater frequencies. For example, many areas are decoordinating unused repeater pairs. That's a good start, however, many repeater pairs are allocated to inidviduals who have low profile, short range and in many cases virtually unused repeaters. These pairs are given the same geographic protection as high use repeaters. I suggest we take a cue from commercial services and begin allocating short range, low use repeaters to share common frequencies and develop mechnisms such as use of different PLs to allow these repeaters to share a frequency. This woud require a shift in repeater owners thinking from the current belief that they "own" a repeater frequency exclusively into perpetuity once it's been allocated to them. I'd like to see discussion here in the remailer about this.

Quite frankly, I was disappointed that the BOM apparently focused on repeaters and not on spectrum management. With the significant growth in the no-code Technician license there will continue to be a high demand for allocation & utilization of VHF/UHF frequencies. While repeaters are the major allocation of frequencies in the VHF/UHF bands, other modes, like digital require frequency coordination and are allocated significant amounts of frequecies. For example, in NE Illinois packet is allocated 500 KHz or 1/8 of the 2m band. I believe that the sooner we start thinking of spectrum management instead of repeater coordination that we'll begin to address issues like what and how much spectrum is allocated to other modes like packet, ATV, etc.

Perhaps once the SPOC issue is decided we can move on as a group to tackling spectrum management.

73, Mark Thompson, WB9QZB
Founder & Secretary, NIPRFC (Northern Illinois Packet Radio Frequency Council)

5. ooops!

From: Dan Puckett <danp@comp.uark.edu>
Date: Fri, 3 Nov 1995 09:39:06 -0600 (CST)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.951103093624.18545E-100000@comp>
Rendered body type: text/plain

Re: message from Mark Thompson (WB9QZB)

Sorry for the dupe! Please delete my mistake!!

-DanP

6. Re: Packet Coordination vs. Repeater Coordination (fwd)

From: Dan Puckett <danp@comp.uark.edu>
Date: Fri, 3 Nov 1995 17:52:12 -0600 (CST)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.951103165927.18545K-100000@comp>
Rendered body type: text/plain

In a reasoned reply to Mark Thompson's message (re-posted here) on the coordinators remailer, Ken Chilton stated that he would like to see a rules change (Part 97) as follows:

> "...no unattended or automatic use of a frequency without coordination and in accordance with local bandplans."

My reply to Ken and his further comments follow. Thanks to Ken for his permission to re-post. Please feel free to comment. Perhaps Mark and Ken will also comment further - both are subscribed to this list.

-DanP

---------- Forwarded message ----------
> From danp@comp.uark.edu Fri Nov 3 11:49:22 1995
>
> I cannot believe that the nationwide amateur packet radio network is in
> such a state of disarray as to warrant a rules change that would _mandate_
> coordination for _all_ unattended operation!

It is not important what you believe, only that you believe.
However, the "nationwide amateur packet radio network" not withstanding,
packet operation in an unattended fashion outside of the coordination
mechanism is a nuisance, impediment, and ultimately disasterous to
non-packet operations as well as to legitamate packet networks. And
not just packet, all unattended operations should be coordinated.

Our 440 band is shared with government and military related operations.
I have already worked very hard on several occasions to prevent a
major upset in our ability to use the 440 band in New England. My only
resource that saved the day was the completeness of my coordination
database by which I solved all of the problems the primary services had
in under 24 hours. If ANY of those offending station were uncoordinated,
we would most likely have lost the band from 438-445. Our coordination
methods and records are an example for boasting.

> Amateur packet radio technology is not yet mature. Current commercial
> wireless data techniques (e.g, spread spectrum and other PCS technology)
> have yet to be implemented in our production networks. IMHO, rules
> requiring coordinataion would, at this point in time, present an unnecessary
> impediment to further refinement of amateur digital systems.

Frequency coordination would not hinder new technology development.
If anything, it would help it by providing a place for it in the band
and protect it from other modes.

> Now, bandplanning, that's a different matter... more on that later :-)

Bandplanning (at least for us in NESMC) is part of frequency coordination.

Enforcement of bandplans and requirements on coordination - this is
the Eden of our work. There is one thing stronger that all the armies in
the world; and that is an idea whose time has come.


```
    _/  _/    _/    _/ _/_/_/ _/  _/  _/    Ken Chilton, KA1TIH
   _/ _/    _/_/  _//   _/   _/  _/  _/     440 MHz Band Coordinator
  _/_/    _/  _/  _/   _/   _/  _/_/_/      NESMC Region
 _/ _/  _/_/_/_/ _/   _/   _/  _/  _/
_/  _/ _/    _/ _/   _/   _/  _/  _/        email: chilton@emc.com
```

        53 Alan Road   Marlborough, MA 01752-1557

        This correspondance is Copyright (c) 1995, Ken Chilton.
                        All rights are reserved.

7. Band Planning by FCs?

From: kn4aq.gary@mms.raleigh.nc.us
Date: Sun, 26 Nov 95 12:46:19
To: COORDINATOR@CS.TAMU.EDU, regional_freq@tapr.org
Message-ID: <9511261246.0HXXO00@mms.raleigh.nc.us>
Rendered body type: text/plain

BAND PLANNING BY FREQUENCY COORDINATION GROUPS

The question about 6-meter FM simplex going around brings to mind a broader
question:

Should FM/Repeater frequency coordination bodies be doing band planning
(also called Spectrum Management)?

I have some thoughts pro and con, and I'm sure you do to...

PRO:
The organization is there, functioning on a regular basis. It's hard to
get people involved and motivated, unless their ox is being gored, so the
existing structure of the coordination bodies is about all there is.

The participants are knowledgeable, usually beyond the immediate area of
FM/repeaters.

CON:
Conflict of interest. The fox is clearly guarding the henhouse.

Case in point:
Early this year, SERA announced a new UHF band plan, basically handing it
down to UHF users. The plan went well beyond FM/Repeaters, covering ATV
and digital. To the extent that ATV channels overlapped CW/SSB and
satellite sub-bands, it affected those areas as well.

The plan was well crafted, and SERA did invite participation through a
mention in the Repeater Journal. After thinking about it for a while, I
came to believe that SERA is the best place for spectrum management in the
southeast. They are inviting participation from other modes.

But it's not an easy sell in the digital community, and I've heard plenty
of
grumbling from the ATV operators in North Carolina.

I'm specifically interested in comments FROM the ARRL representatives on
the remailer, on what the ARRL's place in VHF/UHF spectrum management ought
to be.

73,
Gary KN4AQ
VP/FC Packet>East of NC

((
((Gary Pearce   AVID Video Editor   KN4AQ   ))
((Raleigh, NC   Franklin Video   Ham Radio   ))
((kn4aq.gary@mms.net   ))
((

8. Re: Band Planning by FCs?

From: "Paul Gilbert" <vis_pfg@pip.shsu.edu>
Date: Sun, 26 Nov 1995 17:40:28 +0000
To: COORDINATOR@CS.TAMU.EDU, regional_freq@tapr.org,
        kn4aq.gary@mms.raleigh.nc.us
Message-ID: <199511262340.RAA05613@sys1.tapr.org>
Rendered body type: text/plain

> BAND PLANNING BY FREQUENCY COORDINATION GROUPS
>
> The question about 6-meter FM simplex going around brings to mind a broader
> question:
> ----------
>
> Should FM/Repeater frequency coordination bodies be doing band planning
> (also called Spectrum Management)?
>

Then who will do it...surley not the ARRL. Do you really expect a plan
that will work for ALL 50 states and not cause a war?

It HAS TO BE DONE on a state by state or regional basis. What works
in NC may not work in Texas. We have beat this to death earlier in
the year. It has been proven time and time again.

> I have some thoughts pro and con, and I'm sure you do to...

Yup, I sure do, and none con. I really hate to be snippy but, the
digital folks were given a chance to do coordination by the repeater
folks long ago and they passed on it. Most saying that they didn't
see the need in it. WRONG, now the horse is way out of the barn, its
a flick of a finger to be a node or digi or BBS and impossible to
keep track of who's on first base.

At this point, without causing a riot, the only thing to do in
bandplanning digital is to set standards as to where we will not
place repeaters. Same applies to weak signal and sideband and sat.

do
I work those modes too, so I want a place to go do that mode of the
hobby with as little interferance as possible. I assure all, I do see
the big picture. (All that was said to head off the folks that don't
think I care about other modes, as I do care, very much so).
>
> PRO:
> The organization is there, functioning on a regular basis. It's hard to
> get people involved and motivated, unless their ox is being gored, so the
> existing structure of the coordination bodies is about all there is.
>

Yup, and in the case of Texas we've been here 30 years and work with
the digital folks and ATV folks as much as possible.

> The participants are knowledgeable, usually beyond the immediate area of
> FM/repeaters.

I assure you that in Texas the folks that run the Society would astound
you as to what they have done or are doing both in the hobby and the
real world. I am sure that also applies to other coordination bodies.

> CON:
> Conflict of interest. The fox is clearly guarding the henhouse.

??????? I am confused?????? WHy is it the fox guarding the hen
house??

I have had folks scream at me we need to do more and broader
band-planning. To include the other modes. I agree to a point. As I
said above there are limits and it is way too late in some cases for
certain types of band-planning in certain modes.

As in the original statement...who would do it....I am not turning
over my coordination efforts to the ARRL without ALOT of ...
ands...if's.... and but's connected. That is what we are writting the
white paper for.

>
> Case in point:
> Early this year, SERA announced a new UHF band plan, basically handing it
> down to UHF users. The plan went well beyond FM/Repeaters, covering ATV
> and digital. To the extent that ATV channels overlapped CW/SSB and
> satellite sub-bands, it affected those areas as well.

Yes and we have a plan VERY similiar to SERA's. They used several
parts of our 440 bandplan for theirs. We have more linking in Texas
and thus more link channels in the 420 area. The digital is similiar
and the our ATV is limited to 421.250 and the 426/427 freq.

The two plans are very much alike.... if I remember correctly, my
predessor (sp) shared our plan with SERA when they formed theirs.
That is why they are much alike with changes in regional differences,
like the need of 420 link freqs.

To expect interferance free operation by ANYONE today is a fairy tale.

> The plan was well crafted, and SERA did invite participation through a
> mention in the Repeater Journal. After thinking about it for a while, I
> came to believe that SERA is the best place for spectrum management in the
> southeast. They are inviting participation from other modes.

And what is SERA???? It is a primialry a repeater coordination body,
a very good one and has been around along time.

>
> But it's not an easy sell in the digital community, and I've heard plenty
> of grumbling from the ATV operators in North Carolina.

Don't get me started on ATV. We are planing our 1.2 band with the ATV
crowd in mind. They will lots of room up there.

>
> I'm specifically interested in comments FROM the ARRL representatives on
> the remailer, on what the ARRL's place in VHF/UHF spectrum management ought
> to be.

I know you asked for the ARRL's comments, I hope they give theirs, it
will be interesting, but your also going to get mine opinion of what the
ARRL should be doing in band-planning.....

NOTHING....PERIOD....GET OUT OF BAND-PLANNING AND LET THE
COORDINATORS DO IT.

If you haven't noticed this is a REAL big hot button for me.

Thanks for listening, hope you understand, you may not agree, but hope
you understand.

Flames accepted.....

Paul, ZW

Paul Gilbert, KE5ZW The Texas VHF-FM Society
Huntsville, Texas The Amateur Radio Repeater Coordinating
409-291-9532 Agency for the Empire of Texas

Coordinating over 1500 Repeaters in Texas for the past 30 Years

9. Re: Band Planning by FCs?

From: SGranth@aol.com
Date: Mon, 27 Nov 1995 23:27:46 -0500
To: vis_pfg@pip.shsu.edu, COORDINATOR@cs.tamu.edu, regional_freq@tapr.org,
kn4aq.gary@mms.raleigh.nc.us
Cc: SGranth@aol.com
Message-ID: <951127232742_36181351@emout05.mail.aol.com>
Rendered body type: text/plain

In a message dated 95-11-26 18:42:28 EST, vis_pfg@pip.shsu.edu (Paul Gilbert)
writes:

>As in the original statement...who would do it....I am not turning
>over my coordination efforts to the ARRL without ALOT of ...
>ands...if's.... and but's connected. That is what we are writting the
>white paper for.
>
>

Paul,

Hmmm... I was just wondering...

What's this 'WE' stuff you're talking about here? (hi hi!)

I thought you didn't make the cut at tryouts... Don't we have just five
players on the court, or is the whistle about to be blown?

73!
Steve Grantham

_____

dribble... dribble... dribble...

December 1995

Original source file: regional_freq.9512
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1995-12/REGIONAL_FREQ_1995-12.txt

1. Re: [APRSSIG:4842] CHANGE 145.79?!

```
From: SGranth@aol.com
Date: Mon, 4 Dec 1995 16:04:11 -0500
To: dbarrow@omnifest.uwm.edu, coordinator@cs.tamu.edu
Cc: aprsig@tapr.org, regional_freq@tapr.org, amsat-bb@amsat.org,
        SGranth@aol.com
Message-ID: <951204160409_44093911@emout06.mail.aol.com>
Rendered body type: text/plain
```

Gentlemen,

  I understand there is some, and will be more, discussion on this subject.

  Furthermore, since this issue relates to packet radio (man, am I going to catch it for this comment?..), we will probably see many 'flaming hot' messages on the subject from those who have strong feelings, and those who primarily utilize text transmission (writing) to express and vent their anger and frustration.

  We do have to realize that this is one of those issues relating to a conflict between the ARS and ASS. These terrestrial vs. space questions are going to require some coordination and communication between the interest groups representing these services.

  Though healthy commentary on these issues is certainly encouraged, I think this is an area where the (cough.. cough..) ARRL needs to exhibit it's capability to 'troubleshoot' the situation before it becomes a problem. This is where the League's SMC can, and must, become involved; in planning issues such as this.

  In the end, we should all endeavor to use reason. The use of wisdom, knowledge, and understanding is the key to the resolution of problems. We all want it now, instantly. However, It won't be quite that easy.

  First, let's have the wisdom to recognize the problem. Let's obtain the knowledge to work the problem. And, finally, let's have the understanding to implement correct and proper change to solve the problem.

  Let's all (...the SMC too!) use communication to enhance knowledge.

  More than just a tool, communication is a process!

73!
Steve Grantham, N5DWU
SERA Mississippi Director

_____

In a message dated 95-12-03 16:55:07 EST, dbarrow@omnifest.uwm.edu (David W. Barrow III) writes:

>FORWARDED FROM: /mail/db/dbarrow(#7013) From:bruninga@nadn.navy.mil(Bob
>Bruninga)
>Well, I just finished reading the latest AMSAT journal, and it seems
>clear to me that the 145.80 frequency for future manned spacesraft is
>pretty well established WORLDWIDE.
>
>Maybe we on APRS should move down 5 KHz to 145.785.
>
>THis would give us a 15 KHz split between the users down on 145.77 and
>the space guys on 145.80. That should work fine, since 15 KHz splits
>have been shown to work just fine on the 2 meter band with modern rigs.
>
>One further advantage is that most SPACE folks should be encouraged to
>monitor 145.805 since they will first hear the spacesraft with +3 KHz
>doppler anyway. Then they can tune downward if they want to trak the pass.
>

(text deleted...)

2. APRS on 145.55?

From: kn4aq.gary@mms.raleigh.nc.us
Date: Tue, 05 Dec 95 07:33:20
To: coordinator@cs.tamu.edu, regional_freq@tapr.org, bruninga@nadn.navy.mil
Message-ID: <9512050733.0AM4D00@mms.raleigh.nc.us>
Rendered body type: text/plain

Some thoughts on APRS' conflict with space communications:

I have not seen anything official on manned space use of 145.80, just the
echoes of it on the remailer.

Will this include the shuttle and MIR?

Will 145.55 be abandoned by the shuttle and MIR?

Could APRS move operation to 145.55 (with help from coordinators holding
off the braying pack until that channel is available)?

I don't like the proposal to move APRS down 5 kHz. The 15 kHz channel
spacing relies on considerable geographic spacing between adjacent channel
repeaters to keep signals weak and keep hash out of user's and repeater's
receivers. Typical packet use on 145.77 and 145.79 make geographic
separation of signals impossible.

That separation is needed. It's a shame to see the 15 kHz model for
repeaters held up as one to copy, because it doesn't work that well even
for it's intended, carefully crafted purpose. I have modern radios, and
when I try to copy a weaker signal with a stronger 15 kHz adjacent channel
signal, the sidebands of the adjacent signals are audible, and may
obliterate a weak enough on-channel signal.

Gary KN4AQ
VP/FC
Packet>East of NC

((
((Gary Pearce   AVID Video Editor   KN4AQ   ))
((Raleigh, NC   Franklin Video   Ham Radio   ))
((kn4aq.gary@mms.net   ))
((

3. APRS Frequencies?

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 06 Dec 95 11:54:09 EST
To: Bob Bruninga <bruninga@nadn.navy.mil>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>,
        Digital Coordinators <regional_freq@tapr.org>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@uic.edu>,
        "Coordinator's Remailer" <coordinator@cs.tamu.edu>,
        Bob Van Valzah <BOB@grayfox.svs.com>
Message-ID: <951206165409_73303.3537_FHM88-1@CompuServe.COM>
Rendered body type: text/plain

Mr. Bruninga -

There has been significant discussion recently about the use of 145.79 for APRS.
Now I see in the attached message a reference to 50.62 MHz being recomended in
the APRS documentation for APRS use.

Could you please send me a list of the frequencies on all bands that you are
advocating for use by APRS? These frequencies could have significant impact on
other users of spectrum and we need to know what they are. Thank you.

73, Mark, WB9QZB
NIPRFC (Northern Illinois Packet Radio Frequency Council)
Chicago, IL
---------- Forwarded Message ----------

From:lynn4yci@music.cc.uga.edu(HOLCOMB,
GREGORY FRA)

I intend to put up a 6m station for the ms event here is my idea
so flame away. hihi
does any body out there have any problem with 50.62 Mhz as recomended
in the docs of aprs?
would it be a problem if hthe speed was only 1200 baud as this could be

done easy as pie for me and many others who have 6m radios and 1200 tncs
My station can consist of an azden 50w and a 1/4 vertical will this be e
enough power/gain for this event or am i spinning my wheels?
I have talked to a nother station who may beable to put up a 6m station
at a high site for the event as well in atlanta ga (im in athens 70 to
the north east)

if anybody can also tell me the date of the event as i have not heard
any thing about it for a week on the sig that will give me an idea if
this is do-able or worth wild
thanks Lynn n4yci at Univ of Georgia

4. Re: APRS Frequencies?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 6 Dec 1995 12:42:53 -0500 (EST)
To: "Mark J. Thompson" <73303.3537@compuserve.com>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>,
Digital Coordinators <regional_freq@tapr.org>,
Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@uic.edu>,
"Coordinator's Remailer" <coordinator@cs.tamu.edu>,
Bob Van Valzah <BOB@grayfox.svs.com>
Message-ID: <Pine.SUN.3.91.951206121718.7413B-100000@greatlakes>
Rendered body type: text/plain

Aside from 145.79 on which we sort of evolved, we suggested that everyone
begins looking for a single UHF freq as well with their local
coordinating bodies. We took a bold and controversial step in suggesting
one of the FM simplex channels 445.925. The rationale was, that GPS
mobile position reporting is going to make a profound impact on mobile
Amateur communications. Eventually, every mobile amateur radio operator
will possibly have a miniature beacon transmitter occassionally sending
out his position report. By using one common frequency, everyone within
range of that mobile will see everyone else.

Since this is a completely mobile application and the chance of
finding a single UHF digital channel that would be available nationwide
are ZERO, we took the bold step of suggesting that allocating one FM
mobile voice channel for this unique mobile application should be
considered. Remember, that mobile GPS position reporting is NOT NORMAL
packet, IT IS NOT MESSAGE OR DATA TRANSFER, It is a mobile communication
tool that benefits VOICE users, that just happens to use short AX.25
compatible bursts. It is designed to permit MAXIMUM utilization by the
MAXIMUM number of simultaneous users.

In this respect, it does NOT GROW like conventional packet networks
which constantly need more and more frequencies. Also it is a sharing
mode which does not permit single aligators nor other stations to hog the
frequency. It should not be consdiered a threat to FM simplex, but as an
AID to FM simplex mobile ans public service operations. Requesting a UHF
FM simplex freqeuncy is the only possible way to have a chance of a
common frequency.

Just like the calling frequency must be common nationwide, the GPS
position freuqncy must be common BECAUSE MOBILES MOVE.

Today, the typical mobile position reporting device GPS/TNC/RADIO can be
about the size of TWO cigarette packages if it is XTAL controlled. Using
single freq XTALS for mobile operations demands a COMMON channel for this
application.

OTHER FREQUENCIES:

We would like to also request TWO freqeuncies in the 6 meter digital band.

ONE FOR METEROSCATTER which works well with brief APRS packets. But is a
95% transmit key down arrangement. Such a frequency cannot be used by
any other user or digital mode within the same 30 mile LOS area. Therefore
it must be dedicated (again nationwide, since MScat range is typically
1000 miles)

A standard APRS freq on 6 meters. Again, the same argument for a single
frequency so that single freq XTAL rigs can be used for wide roaming
mobile operations.

In our area 50.62 through 50.78 are designated as 20 KHz packet channels.
ALthough there was a backbone at one time on 50.62, it is defunct and
since I still had the XTALS, and no-one else was on that freq. We chose that
frequency for our last meteor scatter test. (This also places the high

power MScatt station furthrest from the model airplane contrlllers at 50.8.

Similarly, we would choose 50.78 for the conventional APRS channel to
also be furthrest from the MScattt stations...

I have been asking everyone to please bring these frequencies to the
attention of their coordinating bodies, but I don't think with much
success. There is a full description of these frequencies in the
standard APRS README files in UHF.TXT and METEORS.txt....

I hope you also saw todays brilliant solution to the 145.80 Manned space
frequency and the 145.79 controversy.. It was distro'ed on the AMSAT and
APRS SIG's...

DE WB4APR in Annapolis MD. (Not anywhere near Greatlakes)

5. [APRSSIG:4949] Re: 144.390????

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 06 Dec 95 15:21:23 EST
To: Digital Coordinators <regional_freq@tapr.org>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>, Frank Corsanos <fcorsanos@aol.com>,
Bill Davidson <DBILL@uic.edu>, Bob Van Valzah <BOB@grayfox.svs.com>
Message-ID: <951206202122_73303.3537_FHM81-8@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "David W. Barrow III", INTERNET:dbarrow@omnifest.uwm.edu
TO: (unknown), INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 12/6/95 12:52 PM

RE: [APRSSIG:4949] Re: 144.390????

Sender: dbarrow@omnifest.uwm.edu
Received: from cs.tamu.edu by dub-img-2.compuserve.com (8.6.10/5.950515)
id NAA26115; Wed, 6 Dec 1995 13:18:59 -0500
Received: from uwm.edu (uwm.edu [129.89.6.2]) by cs.tamu.edu (8.6.10/8.6.4) with
ESMTP id MAA11803 for <coordinator@cs.tamu.edu>; Wed, 6 Dec 1995 12:17:58 -0600
Received: from omnifest.uwm.edu (omnifest.uwm.edu [129.89.70.58]) by uwm.edu
(8.7.1/8.6.9) with SMTP id MAA09581 for <coordinator@cs.tamu.edu>; Wed, 6 Dec
1995 12:18:25 -0600 (CST)
Received: by omnifest.uwm.edu; (5.65/1.1.8.2/17Sep94-0940PM)
id AA10355; Wed, 6 Dec 1995 12:18:24 -0600
Date: Wed, 6 Dec 1995 12:18:24 -0600
From: "David W. Barrow III" <dbarrow@omnifest.uwm.edu>
Message-Id: <9512061818.AA10355@omnifest.uwm.edu>
To: coordinator@cs.tamu.edu
Subject: [APRSSIG:4949] Re: 144.390????

FORWARDED FROM: /mail/db/dbarrow(#7176) From:gyoung@ubmede.buffalo.edu(Young,
Gregory)
144.390 is in the middle of the "new Oscar subband", which will be used for
Phase 3d. once that is launched. Our regional bandplanning group did
check into the freqs anticpated for phase 3d, and 144.390 did NOT conflict.

OWNYPAG (The Ontario Western NY Packet Advisory Group) adopted the proposed
"Canadian" bandplan, for our region, as it is the best to meet the needs of
the 90's, copmared to the existing ARRL plan that is listed in our repeater
guides.. Also, as it serves all of Canada, and therefore makes for
uniformity. We had a rep. from the ARRL national Vhf/Uhf group, as well as
his RAC counterpart, so the plan was not made in a vacuum! Months of thought
and negotiation went into it.

The plan needed revision, it was not forthcoming from national, so we
tackled it. We even made room for existing AM groups on 2 meters!!
(grandfathered in, as well as FM simplex in this subband, again based on the
planned up/downlinks proposed).

I need hardly point out that the freqs arbitrarily picked for shuttle
communication, used at the time when the ONLY freqs available for packet,
144.91 to 145.09Mhz created some problems (and still do). Fortunately there
are noe other packet subbands.

It's time for ALL to sit down and try to coordinate things a bit! The
growth of digital has far exceeded the demand for repeaters, manyfold. Look
at the spectrum alloted for those devices.. take a listen to the activity on
those, or should I say lack of activity..

73, Greg, KE2VW

Chairman, OWNYPAG (Ontario Western NY Packet Advisory Group)
Chairman, WNYSORC (Western NY Southern Ontario Repeater Council)

-----FORWARDER'S COMMENTS:
Fellow FCs
        If WE do not address this soon it will get completely out of hand!

        Can we ask (O so politely, of course) that the ARRL stay OUT of this one and let the FCs handle it?

        I BEG of you - can we get a committee together and get some FAST action?

        May I respectfully suggest that we get well qualifies people from the MAJOR coordination bodies and let them solve this problem. I suggest SERA, MACC, T-mark, SCRBA.

73 de Dave

David W. Barrow III, N9UNR
Wisconsin Association of Repeaters - Frequency Coordinator
Snail: 1894 Elm Drive - Town of Cedarburg
           West Bend, WI 53095-9603
Phone: (414) 375-2667
Packet: N9UNR @ N9PBY.EF63BI.WI.USA.NOAM
Internet: n9unr@execpc.com (PREFERRED)
           OR dbarrow@omnifest.uwm.edu
---

6. APRS Information Needed

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 06 Dec 95 15:15:55 EST
To: BlindCopyReceiver:;;@compuserve.com
Message-ID: <951206201554_73303.3537_FHM81-4@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: Chris Petersen, INTERNET:102261.1225@compuserve.com
TO: "Coordinator's Remailer", INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 12/6/95 12:53 PM

RE: APRS Information Needed

Sender: 102261.1225@compuserve.com
Received: from cs.tamu.edu by dub-img-2.compuserve.com (8.6.10/5.950515)
        id NAA07002; Wed, 6 Dec 1995 13:51:39 -0500
Received: from arl-img-6.compuserve.com (arl-img-6.compuserve.com [198.4.7.6])
by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id MAA12775 for
<coordinator@cs.tamu.edu>; Wed, 6 Dec 1995 12:50:51 -0600
Received: by arl-img-6.compuserve.com (8.6.10/5.950515)
        id NAA06719; Wed, 6 Dec 1995 13:50:53 -0500
Date: 06 Dec 95 13:49:08 EST
From: Chris Petersen <102261.1225@compuserve.com>
To: "Coordinator's Remailer" <coordinator@cs.tamu.edu>
Subject: APRS Information Needed
Message-ID: <951206184908_102261.1225_BHB127-2@CompuServe.COM>

I'd like some information regarding APRS to help me better understand the 145.79 issue better.

How is APRS used? How much data is sent in a packet? Who is sending the packets? Base, mobile? What percentage of channel availability is expected to be used? Is this channel to be used for DGPS services? If so, how many DGPS servers do you need in a given coverage area? Why can't APRS share existing packet frequencies? Does APRS need the exclusive use of a frequency and why? Why does APRS need a nation-wide frequency?

Pointers to sources of information on APRS, (Web sites, FTP sites, etc.) would be appreciated.

Thanks in advance,
Chris Peterse, KF0FX@aol.com
Vice Chairman, Minnesota Repeater Council

7. APRS frequencies

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 06 Dec 95 15:54:05 EST
To: BlindCopyReceiver:;;@compuserve.com
Message-ID: <951206205404_73303.3537_FHM27-1@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "WERNER.W.F-", INTERNET:WERNER.W.F-_at_BALT.PO.017@smtpgty.bwi.wec.com
TO: (unknown), INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 12/6/95 2:42 PM

RE: APRS frequencies

Sender: werner.w.f-_at_balt.po.017@smtpgty.bwi.wec.com
Received: from cs.tamu.edu by dub-img-2.compuserve.com (8.6.10/5.950515)
        id PAA03891; Wed, 6 Dec 1995 15:31:50 -0500
Received: from tron.bwi.wec.com (tron.bwi.wec.com [129.228.4.1]) by cs.tamu.edu
(8.6.10/8.6.4) with SMTP id OAA16179 for <coordinator@cs.tamu.edu>; Wed, 6 Dec
1995 14:29:00 -0600
Received: from smtpgty.bwi.wec.com by tron.bwi.wec.com;
(5.65/1.1.8.2/31May95-0229PM)
        id AA17227; Wed, 6 Dec 1995 15:25:57 -0500
Received: from ccMail by smtpgty.bwi.wec.com (SMTPLINK V2.10.08)
        id AA818293162; Wed, 06 Dec 95 15:32:00 EST
Date: Wed, 06 Dec 95 15:32:00 EST
From: "WERNER.W.F-" <WERNER.W.F-_at_BALT.PO.017@smtpgty.bwi.wec.com>
Message-Id: <9511068182.AA818293162@smtpgty.bwi.wec.com>
To: coordinator@cs.tamu.edu
Subject: APRS frequencies

W4APR, Bob Bruninga, is in the TMARC coordination area and we are
attempting to work with him and others concerning spectrum for APRS and
other digital activities. However, there is always a problem with timing
as requests such as this take considerable time to work out within our
area, adjacent areas, and in this case, apparently the world. It seems
that packet, by its very nature, does not have an abundance of time, and
when our efforts come to fruition, the need has already passes or become
established without us. Perhaps the new world order (a standing SPOC
committee) will come to our rescue. Until then, we will putter along.

Speaking for myself only, and with Bob's enthusiasm aside, I do not think
APRS will become an adjunct to mobile voice operation and placing it on a
voice simplex channel is a bad idea. I do not think Bob will police the
activity to keep it from spreading to adjacent channels (and quite possibly
into the channels with coordinated aux links). As to everyone wanting to
be on the same channel, this is the sort of thing we heard in the early
days of packet until the DX clusters came along. Personally, I can think
of several uses of APRS where I would like a clear channel, not shared by
others. I think digital modes should be grouped together, out of the
sub-bands required by repeaters, and especially away from aux links. Since
it appears that special radios are required for digital modes (other than
1200 baud) I feel it is a good time to get packet away from voice users,
simplex and repeater, and place them in their own part of the band where
possible. By the way does anyone know how much activity is on the new 219
mHz digital only band?

73,
Bill W3EAO TMARC

8. APRS Information Needed (Answers)

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 06 Dec 95 17:15:57 EST
To: BlindCopyReceiver:;;@compuserve.com
Message-ID: <951206221557_73303.3537_FHM37-1@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: Bob Bruninga, INTERNET:bruninga@nadn.navy.mil
TO: Mark J. Thompson, 73303,3537
CC: (unknown), INTERNET:INTERNET:@GREATLAKES.NADN.NAVY.MIL
        (unknown), INTERNET:COORDINATOR@CS.TAMU.EDU;
        (unknown), INTERNET:APRSSIG@TAPR.ORG
DATE: 12/6/95 3:18 PM

RE: APRS Information Needed (Answers)

Sender: bruninga@nadn.navy.mil
Received: from greatlakes.nadn.navy.mil by dub-img-4.compuserve.com
(8.6.10/5.950515)
        id QAA03460; Wed, 6 Dec 1995 16:11:15 -0500
Received: (from bruninga@localhost) by greatlakes.nadn.navy.mil (8.6.12/8.6.12)
id QAA14781; Wed, 6 Dec 1995 16:11:29 -0500
Date: Wed, 6 Dec 1995 16:11:28 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: 73303.3537@compuserve.com
cc: INTERNET:@greatlakes.nadn.navy.mil, COORDINATOR@CS.TAMU.EDU;,
        aprssig@tapr.org
Subject: APRS Information Needed (Answers)
Message-ID: <Pine.SUN.3.91.951206153851.13638F-100000@greatlakes>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

FOLLOWING REPLYS ARE CAPATIALIZED FOR RECOGNITION.

> Chris Petersen, INTERNET:102261.1225@compuserve.com ASKED:

> I'd like some information regarding APRS to help me better understand the
> 145.79 issue better.

> How is APRS used?
ITS A CONNECTIONLESS DSITRIBUTED PACKET SYSTEM WHICH USES UI PACKETS
WITHOUT ACKS SO THAT EVERYONE SEES EVERYONE. THE PRIMARY FUNCTION IS THE
MAP DISPLAY WHICH SHOWS THE POSITION OF ALL STATIONS MOBILE AND FIXED,
AND ALSO ANY NUMBER OF SYMBOLS OR OBJECTS REPRESENTING ANYTHING FROM
RUNNERS, AMBULANCES, FIRETRUCKS, TORNADOS, RAIN, BOATS, SATELLITES...

> How much data is sent in a packet?
ONE LINE ONLY. CONTAINS DATE,TIME,POSITION,AND STATUS

> Who is sending the packets?
EVERYONE WHO HAS INFO TO SEND

> Base, mobile?
BOTH, MOSTLY BASE, NOW, BUT MOBILES ARE GROWING

> What percentage of channel availability is expected to be used?
THE OPTIMUM LOADING IS EXPECTED TO BE SOMEWHAT LESS THAN CSMA 36%
  * NOTE THAT NO SINGLE USER HOGS THE CHANNEL FOR ANY LENGTH
  * THE MAXIMUM PACKET RATE FROM THE MOST BUSY ACTIVE STATION IS
    ABOUT ONE PACKET EVERY 15 SECONDS, BUT THIS PERIOD *DOUBLES*
    AFTER EVERY PACEKT, SINCE OLD NEWS IS LESS VALUABLE
    SO IT WOULD NEED TO BE A BUSY SET OF FINGERS THAT COULD LOAD
   THE CHANNEL MORE THAN ABOUT 10%

> Is this channel to be used for DGPS services? If so, how many DGPS
servers do you need in a given coverage area?
YES/NO. WE TRIED IT, IT WORKS, BUT YOU NEED TO SEND DGPS PACEKTS EVERY
30 SECONDS OR SO TO BE OF ANY VALUE, AND THIS TAKES UP 30% OF THE CHANNEL
CAPACITY! BEST SOLUTION FOR DGPS IS TO USE A DIFFERENT CHANNEL
TRANSMITTING DGPS DATA ALMOST CONSTANTLY. NO NEED FOR THIS ON 2 METERS!
NO NEED FOR DGPS IN APRS EITHER. *WE DONT NEED THAT ACCURACY* FOR TYPICAL
PUBLIC SERVICE EVENTS.

> Why can't APRS share existing packet frequencies?
ONLY ONE REASON. THE MASSES THINK *UI* MEANS *BEACON* WHICH IS A
FORBIDDEN WORD ON ALMOST *ALL* PACKET NETWORKS... BUT AN APRS UI FRAME
CONVEYS NEW AND CHANGING INFORMATION AND ELIMINATES ACKS... EVERY
PERMANENT PACKET SITE, BBS, NODE, WHATEVER, SHOULD SEND AN APRS POSIT/ID
AT LEAST ONCE AN HOUR SO THAT EVERYONE CAN SEE THE NETWORK TOPOLOGY JUST
BY MONITORING A FREQUENCY. MONITOR SUCH A NETWORK FOR AN HOUR AND YOU
WILL BE AMAZED AT ALL THE DEVICES AND SERVICES ARE ON THAT FREQUENCY.
APRS ID/POSIT BEACONS ARE AN *IDEAL* FERQUENCY COORDINATORS TOOL

> Does APRS need the exclusive use of a frequency and why?
*YES. THE ESTABLISHED APRS NET IS FOR TRACKING MOBILES. MOBILES TRAVEL.
MOBILES CANT POSSIBLY KEEP UP WITH ALL THE PATHS AND FREQEUNCIES AND
LINKS OF EXSTING NETWORKS. ALSO THE GPS/TNC/RADIO TRACKING DEVICES ARE
SINGLE FUNCTION BOXES. SINGEL FERQUENCY XTAL CONTROL IS THE ONLY COST
EFFECTIVE MECHANISM FOR OUTFITTING MOBILES.
* ALTHOUGH APRS SHARES A CHANNEL WELL AS A SOURCE OF DATA, IT DOES NOT
LIKE TO SEE THE CHANNEL HOGGED FOR CONNECTED DATA TRANSFERS THAT TIE UP
THE CHANNEL FOR LONG DURATION. ANY LONG DURATION USE LIKE THAT WOULD
KILL LOTS OF UI FRAMES AND DATA WOULD BE LOST...

> Why does APRS need a nation-wide frequency?
OOPS, SAME AS ABOVE.. SO MOBILES OR EMERGENCY RESPONSE TEAMS CAN MOVE
FROM AREA TO AREA TRANSPARENTLY. WE CAN TRAK AN AUTO FROM MAINE TO NORTH
CAROLINA (ALMOST) AND FROM GA TO MS. THE AUTO NEVER NEEDS TO STOP, TO
CHANGE FREQS, OR TO LOOK UP REPEATER CALLSIGNS, HE JUST DRIVES...

> Pointers to sources of information on APRS, (Web sites, FTP sites, etc.)
> would be appreciated.

INCLUDED WITH ALL COPIES OF APRS IS A README DIRECTORY. LOOK IN THERE
FOR THE FOLLOWING FILES:
APRS.DOC
OPS.TXT
UHF-FREQ.TXT
DIGIS.TXT
PROTOCOL.TXT

HOPE THIS HELPS...

9. APRS on 445.925

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 07 Dec 95 12:41:48 EST
To: Carl Bergstedt <cberg@grayfox.svs.com>,
        Digital Coordinators <regional_freq@tapr.org>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@uic.edu>,
        "GREGORY A. MELZER" <75777.675@compuserve.com>,
        Paul Moller <WPM002@email.mot.com>,
        Paul Moller <Paul_Moller@csg.mot.com>,
        Bob Van Valzah <BOB@grayfox.svs.com>
Message-ID: <951207174147_73303.3537_FHM59-6@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: Bob Wilkins n6fri, INTERNET:rwilkins@uhf.org
TO: Coordinators Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 12/6/95 7:07 PM

RE: APRS on 445.925

Sender: rwilkins@ccnet3.ccnet.com
Received: from cs.tamu.edu by dub-img-2.compuserve.com (8.6.10/5.950515)
        id TAA02811; Wed, 6 Dec 1995 19:35:52 -0500
Received: from ccnet3.ccnet.com (root@ccnet3.ccnet.com [192.215.96.11]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id SAA24714 for <coordinator@cs.tamu.edu>;
Wed, 6 Dec 1995 18:34:48 -0600
Received: (from rwilkins@localhost) by ccnet3.ccnet.com (8.6.12/8.6.12) id
QAA24923; Wed, 6 Dec 1995 16:28:23 -0800
Date: Wed, 6 Dec 1995 16:28:23 -0800 (PST)
From: Bob Wilkins n6fri <rwilkins@uhf.org>
X-Sender: rwilkins@ccnet3
To: Coordinators Remailer <coordinator@cs.tamu.edu>
Subject: APRS on 445.925
Message-ID: <Pine.SUN.3.91.951206151928.17295A-100000@ccnet3>
X-URL: http://www.ccnet.com/~rwilkins/
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is one of many text files found in the dos APRS readme directory.
==

UHF-FREQ.txt 6.0   A NATIONWIDE UHF 9600 BAUD GPS TRACKING FREQUENCY

                          ?????? 445.925 ??????

    With GPS ever decreasing in price, the time is approaching when EVERY
car in America, or at least every car with a two-way radio system will have
GPS in some form or another. Amateurs will find that transmitting their
position while mobile, adds a new dimension to radio and facilitates amateur
response to emergencies as well as providing for just plain fun.

     Since GPS position reporting is a predominantly mobile operation, most
HAMs will eventually dedicate a single transceiver for single function
operation on a single tracking frequency. Today (1994), 1 watt commercial,
single frequency UHF data transceivers capable of up to 9600 baud are
available for around $100. This is approximately one-third the cost of a
typical mobile HAM transceiver or walkie-talkie.   Using these transceivers,
a nation wide GPS reporting and tracking frequency could develop very

quickly.

Unfortunately, however, a nationwide tracking capabilty using single frequency crystal controlled transceivers, cannot develop unless there is a SINGLE NATIONWIDE UHF FREQUENCY dedicated to this application. Since mobiles by their very nature, wander everywhere, the evolution of different GPS networks on different frequencies in different areas will permanently encumber the growth of this fascinating new aspect of amateur radio. The success of GPS tracking on the two-meter band has been nothing short of amazing, since everyone from the beginning seemed to cluster on the ARRL established experimental frequency of 145.79. Mobiles beaconing their position on that frequency could be assured of tracking networks almost anywhere they traveled. But as more and more stations go GPS packet mobile, there is the need to move to 9600 baud to avoid gridlock.

To date, I have not been able to find an innexpensive 9600 baud data radio for the two meter band, while several models exist for the UHF band. It is time to move to UHF! See ad on page 18 Feb 94 QST for the TEKK radios: T-NET MINI $119.90 and T-NET MICRO $99.90 both are 2 watt UHF modules about the size of a credit card that operate to 9600 baud! Call them at 1-800-521-8355. Paccomm builds these into some TNC enclosures for complete BLACK-BOX TNC/RADIOS...

FINDING A FREQUENCY!

As anyone that has participated in a frequency coordinating organization can attest, finding an available packet frequency in our already crowded bands is a difficult and painful process. Trying to find a single national frequency will be virtually impossible! As a weak-signal operator, and ATV'er, I do not want to see any more encroachment on the 70 CM ATV frequencies and certainly not on the the weak signal bands. Also, as a member of the local Mid-Atlantic Repeater council, I have avidly defended the UHF FM voice frequencies from encroachment by packet operations.

After a lot of thought, however, I do believe that a single frequency is available and should be proposed for nationwide discussion. Amateurs have always been at the leading edge of new technology, and have usually been able to accommodate new ideas when it seems to serve their general interest, and their capabilities as a community communications resource.

As stated before, GPS tracking is a SINGLE FUNCTION, SINGLE FREQUENCY application. Once a single frequency is identified, there is no reason and little incentive for any further frequency spreading of this application. BBS's and packet data networks, for example, are HUB or star based networks which operate most effectively when each major NODE or BBS has its own separate frequency. Due to the community nature of these beasts, there is always a crowding effect driving the users to find more and more frequencies. The GPS reporting and tracking network, however, gains its advantage by having ALL mobile stations on one and only one frequency. Just as HAMS have 146.52 as a national calling frequency, and CB'ers have channel 19, the GPS application needs only a single frequency everywhere.

Maybe it is time to allocate a single FM simplex channel to high speed GPS position reporting and tracking. Just as 446.00 is recognized as the UHF calling frequency, there should be a comparable 445.xxx GPS status and tracking frequency for mobiles nationwide. I anguished long and hard over this proposal, and I suspect that it will meet with a lot of emotional and idealogic controversy. But I think that anyone that is watching the trends in communications technology will certainly conclude that GPS position reporting of mobile radio operations WILL BE FUNDAMENTAL IN EVERY MOBILE NETWORK within 10 years. We either bite-the-bullet now and plan for the orderly development of GPS applications on the 70 cm band, or we will be fighting this same battle for the next ten years.

If you have any comments on this idea, or can see a better way, please contact your local frequency coordinating council. If there is any precedence anywhere for a single DATA channel in the FM simplex band, please let me know ASAP! Otherwise, HOW ABOUT 445.925 MHz ??????????????????????????

I just can't get over the excitement, of someday, being able to glance at your dash-board mounted full color map display and seeing the location of every mobile HAM within 30 miles! Setting aside a single GPS status and position reporting frequency NOW, will make this happen!

==========

This is one of the many txt files found in the APRS readme directory.

The frequency may be used as a digital frequency in the north east. West of the Mississippi this frequency is coordinated to auxiliary links and repeater inputs or outputs. In northern California this is the input to several coordinated repeaters as well as an auxiliary system.

My recommendation is to work toward finding a suitable digital frequency in the 430 MHz digital sub-bands. The 440 - 450 sub-band is a voice repeater sub-band in the same major metropolitan areas that APRS needs a 9600 uhf frequency. Lets look at the long term effects on planning as ATV moves to higher bands. As the 439 ATV moves up I am sure there will be a move to coordinate more repeater services in the 440 - 442 and 445 - 447 area...

Many of the cheapie chirpie radios work better in the 430+ band as their front ends do not have to overcome the desence of the voice repeaters and mobile users on 440+ frequencies.

Bob n6fri FC NARCC 420 and above

Bob Wilkins	home	n6fri@uhf.org
Berkeley, California	work	bwilkins@cave.org
94712-2354	play	n6fri@n6eeg.#nocal.ca.usa.noam

Please trim to the essentials when you reply..... Thanks

10. Re: Packet, APRS, Deviation, etc.

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 07 Dec 95 12:40:56 EST
To: Carl Bergstedt <cberg@grayfox.svs.com>,
Digital Coordinators <regional_freq@tapr.org>,
Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@uic.edu>,
Bob Van Valzah <BOB@grayfox.svs.com>
Message-ID: <951207174055_73303.3537_FHM59-1@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: INTERNET:WhitBrown@aol.com, INTERNET:WhitBrown@aol.com
TO: (unknown), INTERNET:MEDCALF@IDIR.NET
(unknown), INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 12/6/95 11:24 PM

RE: Re: Packet, APRS, Deviation, etc.

Sender: whitbrown@aol.com
Received: from cs.tamu.edu by dub-img-2.compuserve.com (8.6.10/5.950515)
id AAA25470; Thu, 7 Dec 1995 00:23:53 -0500
From: <WhitBrown@aol.com>
Received: from emout05.mail.aol.com (emout05.mail.aol.com [198.81.10.37]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id XAA00587 for <coordinator@cs.tamu.edu>;
Wed, 6 Dec 1995 23:22:57 -0600
Received: by emout05.mail.aol.com (8.6.12/8.6.12) id AAA01918; Thu, 7 Dec 1995
00:22:59 -0500
Date: Thu, 7 Dec 1995 00:22:59 -0500
Message-ID: <951207002256_66105236@emout05.mail.aol.com>
To: medcalf@idir.net, coordinator@cs.tamu.edu
Subject: Re: Packet, APRS, Deviation, etc.

In a message dated 95-12-05 20:49:33 EST, medcalf@idir.net (Karl Medcalf
(WK5M)) writes:

>
>At 06:58 PM 12/5/95 -0500, Whit Brown wrote:
>>> I attribute most of this to bad IDC settings on the rigs themselves that
>>the users also use for voice. Equally guilty is the irresponsible set-up
>>instructions with some TNC's whereas the user is instructed to increase the
>>TNC's 1200 Hz injection to the rig "until a nearby receiver/scanner is no
>>longer able to hear it, then reduce the injection until the tone just
>>reappears."...I love it!
>>

You know Karl, I can think of an excellant, inexpensive way to set injection level to the rig/s to set the deviation where it should be and you wouldn't need a service monitor to do so.

Why not use Bessell null functions? If my math is close the 1200 Hz tone you already have should produce a first null at 2.89 kHz which should be a good workable value. If you wanted to get fancy you could integrate any of the following tones into the TNC for set up purposes.

```
Desired
Deviation
    kHz    1st Null  2nd Null  3rd Null
    2.00   831.67   362.23   231.13
    2.50  1039.59   452.79   288.91
    3.00  1247.50   543.35   346.69
    3.50  1455.42   633.91   404.47
    4.00  1663.34   724.47   462.25
    4.50  1871.26   815.03   520.03
    5.00  2079.17   905.58   577.81

          Deviation Produced (kHz)
  Tone   1st Null 2nd Null 3rd Null
     697     1.68     3.85     6.03
     770     1.85     4.25     6.66
     852     2.05     4.70     7.37
     941     2.26     5.20     8.14
    1000     2.40     5.52     8.65
    1200     2.89     6.63    10.38
    1209     2.91     6.68    10.46
    1336     3.21     7.38    11.56
    1477     3.55     8.15    12.78
    1633     3.93     9.02    14.13
    2000     4.81    11.04    17.31
    2200     5.29    12.15    19.04
```

I just cranked these out on a spreadsheet, you might want to check them. Why don't you use what influence you have with Kantronics and get them to consider it? Hopefully the others might hop on board. If they use it I wouldn't expect any royalties, hi. Just cleaner bands would be payment enough.

Happy Holidays and 73, Whit

11. Re: APRS Frequencies? (70cm proposal...)

```
From: SGranth@aol.com
Date: Thu, 7 Dec 1995 20:56:37 -0500
To: bruninga@nadn.navy.mil, 73303.3537@compuserve.com
Cc: cberg@grayfox.svs.com, regional_freq@tapr.org, FCorsanos@aol.com,
        DBILL@uic.edu, coordinator@cs.tamu.edu, BOB@grayfox.svs.com,
        SGranth@aol.com
Message-ID: <951207170853_127645020@mail02.mail.aol.com>
Rendered body type: text/plain
```

Bob,

In the SERA 70cm Frequency Utilization Plan, 445.925 MHz is a voice simplex channel. I suggest you look at 440.925, or on of the digital frequencies from 440.9125 to 441.1750 MHz (in 12.5 kc steps, Note *1).

If the mobile transmit frequency has to be near 445 MHz, I suggest you look at one of the digital repeater pairs (say... 445.725 (mobile) / 440.725 (base)...). These digital pairs occupy spectrum from 440.5125 to 440.7250 MHz (paired with +5.0 MHz inputs). These pairs, however, need to be coordinated for use on a site-by-site basis.

In my opinion, the use of paired frequencies for your 70cm mobile APRS beacon operations would seem to enhance user mobile operations by keeping the APRS receive frequencies somewhat removed from the higher frequency mobile voice transmit frequencies. (I guess these 70cm APRS stations would be linked to the 2m APRS network??)

Though I'm not 'totally' learned about the mission, usage, and operations of APRS, I think this suggestion will help you understand what's going on in other parts of the country.

Regards,
Steve Grantham, N5DWU
SERA-MS Director

Note *1: The 12.5 kHz steps have been 'under attack' for being too narrow for 9600 bps operations. Channels coordinated for 9600 bps use would, like other coordinated channels, be coordinated with adjacent channel use considered. The listing of 12.5 kc channels was intended to preclude homesteading of unidentified channels by users of conflicting modes of operation.

P.S. If you would like, I can send you a text file (a message with attachment) listing the SERA 70cm FUP.

(SERA represents VHF/UHF coordinating interests throughout GA, KY, MS, NC, SC, TN, VA, and WV.)

_____

In a message dated 95-12-06 13:00:40 EST, bruninga@nadn.navy.mil (Bob Bruninga) writes:

> We took a bold and controversial step in suggesting
>one of the FM simplex channels 445.925. The rationale was, that GPS
>mobile position reporting is going to make a profound impact on mobile
>Amateur communications. Eventually, every mobile amateur radio operator
>will possibly have a miniature beacon transmitter occassionally sending
>out his position report. By using one common frequency, everyone within
>range of that mobile will see everyone else.
>
>

12. Re: APRS Frequencies? (selection in a vacuum??)

From: SGranth@aol.com
Date: Fri, 8 Dec 1995 00:00:54 -0500
To: bruninga@nadn.navy.mil, 73303.3537@compuserve.com
Cc: cberg@grayfox.svs.com, regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu, coordinator@cs.tamu.edu, BOB@grayfox.svs.com, SGranth@aol.com
Message-ID: <951207213657_47779296@mail02.mail.aol.com>
Rendered body type: text/plain

In a message dated 95-12-06 13:00:40 EST, bruninga@nadn.navy.mil (Bob Bruninga) writes:

>   Since this is a completely mobile application and the chance of
>finding a single UHF digital channel that would be available nationwide
>are ZERO, we took the bold step of suggesting that allocating one FM
>mobile voice channel for this unique mobile application should be
>considered.

  Though I see that you have made queries about 6m frequencies, and I encourage that, I wonder if, and why, previous frequency selections were apparently made in a vacuum?

>   Remember, that mobile GPS position reporting is NOT NORMAL
>packet, IT IS NOT MESSAGE OR DATA TRANSFER, It is a mobile
>communication tool that benefits VOICE users, that just happens to
>use short AX.25 compatible bursts. It is designed to permit MAXIMUM
>utilization by the MAXIMUM number of simultaneous users.

  Here we go again... It's the 'us vs. them' thing again.

  Also, "short AX.25 compatible bursts" leads us to beleive it's compatible with voice. Then, "MAXIMUM utilization by... MAXIMUM... users" leads us to the conclusion that it will expand into a MAXIMUM duty cycle by these digital transmissions.

  Let's talk about this thing some... before we run off in left field looking for foul balls.

Steve Grantham, N5DWU
SERA-MS Director

_____

  'More than just a tool, communication is a process!'

13. Re: APRS Frequencies? (UHF mobiles seeing mobiles??)

From: SGranth@aol.com
Date: Fri, 8 Dec 1995 01:03:31 -0500
To: bruninga@nadn.navy.mil, 73303.3537@compuserve.com
Cc: cberg@grayfox.svs.com, regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu, coordinator@cs.tamu.edu, BOB@grayfox.svs.com, SGranth@aol.com
Message-ID: <951207213704_47779021@emout06.mail.aol.com>
Rendered body type: text/plain

In a message dated 95-12-06 13:00:40 EST, bruninga@nadn.navy.mil (Bob Bruninga) writes:

> By using one common frequency, everyone within

>range of that mobile will see everyone else.

  By using a split frequency, the base might employ a 'kiss' repeat mode,
listening for, and repeating any mobile's transmisions (non-selectively) from
the input frequency. This would allow any mobile in range of the base to see
any other mobile's position.

  Further, if the base was full duplex, the repeats could be 'real-time',
preventing the 'hidden terminal syndrome'.

Steve Grantham, N5DWU
SERA-MS Director

14. Re: APRS Frequencies? (selection in a vacuum??)

From: Gerald J Creager <gerry@cs.tamu.edu>
Date: Fri, 8 Dec 1995 08:05:56 -0600 (CST)
To: SGranth@aol.com
Cc: bruninga@nadn.navy.mil, 73303.3537@compuserve.com, cberg@grayfox.svs.com,
        regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu,
        coordinator@cs.tamu.edu, BOB@grayfox.svs.com
Message-ID: <199512081405.IAA08734@solar.cs.tamu.edu>
Rendered body type: text/plain

Unlike "normal" packet, APRS data bursts are pretty well limited to what's
needed. The worst case mobiles send a NMEA ascii string of 40-60 characters
(roughly) while the bases send a somewhat shorter (usually) burst of
APRS-specific data. You don't see someone doing a "dir" of a BBS for the last
25k message headers.

Further, unlike "normal" packet operations, where the user has optimized his
TNC parameters to provide himself with the maximum benefit, APRS optimizes the
base station parameters for channel usage... sort of an opti-min solution.
While the mobiles are not similarly controlled, the human tendency to report
your position every 15 seconds is diminished after a couple of days of coming
home and noting that yours is the ONLY car reporting like that, and yours is
filling up the log on your hard disk all the time, while other folks are just
visible!

73, gerry
--
Gerry Creager N5JXS   * SAREX Co-Investigator
gerry@cs.tamu.edu   *   A little radio that lets kids talk
                                     *   to astronauts, and smile
****

15. Re: APRS Frequencies? (UHF mobiles seeing mobiles??)

From: Gerald J Creager <gerry@cs.tamu.edu>
Date: Fri, 8 Dec 1995 08:22:05 -0600 (CST)
To: SGranth@aol.com
Cc: bruninga@nadn.navy.mil, 73303.3537@compuserve.com, cberg@grayfox.svs.com,
        regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu,
        coordinator@cs.tamu.edu, BOB@grayfox.svs.com
Message-ID: <199512081422.IAA08934@solar.cs.tamu.edu>
Rendered body type: text/plain

SGranth@aol.com sez:
>
> In a message dated 95-12-06 13:00:40 EST, bruninga@nadn.navy.mil (Bob
> Bruninga) writes:
>
> > By using one common frequency, everyone within
> >range of that mobile will see everyone else.
>
>   By using a split frequency, the base might employ a 'kiss' repeat mode,
> listening for, and repeating any mobile's transmisions (non-selectively) from
> the input frequency. This would allow any mobile in range of the base to see
> any other mobile's position.
>
>   Further, if the base was full duplex, the repeats could be 'real-time',
> preventing the 'hidden terminal syndrome'.

An interesting solution. And one that the dedicated packet types have been
trying to implement for a while, although they've been hampered by the old saw
that packet could "repeat" ona single channel.

on a first note: Bob's got a novel solution on the distribution of mobile
reports, that actually works on a dedicated channel: Use of common digipeater
names, WIDE and RELAY. The default is RELAY on the base when it comes up. The
recommendation for WIDE use is if you are omni and truly able to digi over a

wide area. This allows you to set s digi path of RELAY,WIDE,WIDE up and get maximal distribution. Any APRS base (or mobile with a computer onboard) will pluck a report out of the ether regardless of where the station sits in the digi path.

Back to duplex operation: The paradigm shift to duplex (and implicit 2 frequency) operation is rough for a lot of the digital types, in my experience. The cost and complexity of a "repeater" is somewhat daunting to them. The TAPR regenerator design (where a total of 7 NRZI transitions is required to start repeating data) has also not made it past the esoterica stage, unfortunately. One should keep in mind that with good audio, 1200 baud can be run with a standard bent-pipe repeater. 9600 baud cannot. That would require use of a TNC or regenerator. The use of duplex. with appropriate signaling to indicate when the channel is busy is not beyond the state of technology, obviously, but is beyond a lot of the basic packet guys.

73, gerry N5JXS
n5jxs@tamu.edu

16. Re: APRS Frequencies? (UHF mobiles seeing mobiles??)

From: WhitBrown@aol.com
Date: Fri, 8 Dec 1995 10:27:30 -0500
To: gerry@cs.tamu.edu, SGranth@aol.com
Cc: bruninga@nadn.navy.mil, 73303.3537@compuserve.com, cberg@grayfox.svs.com,
        regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu,
        coordinator@cs.tamu.edu, BOB@grayfox.svs.com
Message-ID: <951208102729_128232646@emout04.mail.aol.com>
Rendered body type: text/plain

In a message dated 95-12-08 09:27:41 EST, gerry@cs.tamu.edu (Gerald J Creager) writes:

>>
>>   Further, if the base was full duplex, the repeats could be 'real-time',
>> preventing the 'hidden terminal syndrome'.
>
>
  I've heard this argument before, and still see collisions, just as on voice with doubling. Damn anticipatory circuits crapped-out again. I've also heard them say they get an increase in throughput from 40 to 80% over regular digipeating, but they forget that they're now using 100% more frequencies to do it with (duplex, as in a Pair, right?) I don't see the efficiency gained.

73, Whit

17. Re: APRS Frequencies? (UHF mobiles seeing mobiles??)

From: Gerald J Creager <gerry@cs.tamu.edu>
Date: Fri, 8 Dec 1995 09:45:17 -0600 (CST)
To: WhitBrown@aol.com
Cc: gerry@cs.tamu.edu, SGranth@aol.com, bruninga@nadn.navy.mil,
        73303.3537@compuserve.com, cberg@grayfox.svs.com,
        regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu,
        coordinator@cs.tamu.edu, BOB@grayfox.svs.com
Message-ID: <199512081545.JAA10377@solar.cs.tamu.edu>
Rendered body type: text/plain

WhitBrown@aol.com sez:
>
> In a message dated 95-12-08 09:27:41 EST, gerry@cs.tamu.edu (Gerald J
> Creager) writes:
>
> >>
> >>   Further, if the base was full duplex, the repeats could be 'real-time',
> >> preventing the 'hidden terminal syndrome'.
> >

Actually, Steve Grantham said this...

>   I've heard this argument before, and still see collisions, just as on voice
> with doubling. Damn anticipatory circuits crapped-out again. I've also heard
> them say they get an increase in throughput from 40 to 80% over regular
> digipeating, but they forget that they're now using 100% more frequencies to
> do it with (duplex, as in a Pair, right?) I don't see the efficiency gained.

Depends on the side you're arguing from. IF you define a packet operation of some sort as important enough, throughput becomes more important. While we are tight on channels, sometimes this has to be considered. In my opinion, duplex operations are more important, and pertinent, to backbone operations than to user operations, at least on the VHF and lower UHF bands. A raging

flamefest has been occurring about connected nets and simplex-vs-duplex user operations at S-band and higher frequencies on the TGP-GROUP list from UCSD.edu. Some of the better minds in amateur digital technology are involved, and have failed to reach concensus. It's not an easy problem.

73, gerry

18. Re: APRS Frequencies? (selection in a vacuum??)

From: SGranth@aol.com
Date: Fri, 8 Dec 1995 11:49:52 -0500
To: gerry@cs.tamu.edu
Cc: bruninga@nadn.navy.mil, 73303.3537@compuserve.com, cberg@grayfox.svs.com, regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu, coordinator@cs.tamu.edu, BOB@grayfox.svs.com, SGranth@aol.com
Message-ID: <951208114951_48280173@mail04.mail.aol.com>
Rendered body type: text/plain

Thanks Gerry!

  This is pretty much the way I understood it worked, and the way it should work.

  The common sense approach to decreasing channel loading is good too. However, there are those with a notable lack of this resource. (This is not a cut, directed or otherwise. It's just an observation.)

Regards,
Steve Grantham, N5DWU
SERA-MS Director
_____

  'More than just a tool, communication is a process!'
_____

In a message dated 95-12-08 09:12:29 EST, gerry@cs.tamu.edu (Gerald J Creager) writes:

>Unlike "normal" packet, APRS data bursts are pretty well limited to what's
>needed. The worst case mobiles send a NMEA ascii string of 40-60 characters
>(roughly) while the bases send a somewhat shorter (usually) burst of
>APRS-specific data. You don't see someone doing a "dir" of a BBS for the last
>25k message headers.
>
>Further, unlike "normal" packet operations, where the user has optimized his
>TNC parameters to provide himself with the maximum benefit, APRS optimizes
>the base station parameters for channel usage... sort of an opti-min solution.
>While the mobiles are not similarly controlled, the human tendency to report
>your position every 15 seconds is diminished after a couple of days of coming
>home and noting that yours is the ONLY car reporting like that, and yours is
>filling up the log on your hard disk all the time, while other folks are just
>visible!
>
>73, gerry
>--
>Gerry Creager N5JXS   * SAREX Co-Investigator
>gerry@cs.tamu.edu   *   A little radio that lets kids talk
>   *   to astronauts, and smile
>
>***
*
>
>

19. Re: APRS Frequencies? (UHF mobiles seeing mobiles??)

From: SGranth@aol.com
Date: Fri, 8 Dec 1995 11:49:57 -0500
To: gerry@cs.tamu.edu
Cc: bruninga@nadn.navy.mil, 73303.3537@compuserve.com, cberg@grayfox.svs.com, regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu, coordinator@cs.tamu.edu, BOB@grayfox.svs.com, SGranth@aol.com
Message-ID: <951208114955_48280203@emout06.mail.aol.com>
Rendered body type: text/plain

In a message dated 95-12-08 09:27:41 EST, gerry@cs.tamu.edu (Gerald J Creager) writes:

> One should keep in mind that with good audio, 1200 baud can be run
>with a standard bent-pipe repeater. 9600 baud cannot. That would
>require use of a TNC or regenerator. The use of duplex. with appropriate
>signaling to indicate when the channel is busy is not beyond the state of
>technology, obviously, but is beyond a lot of the basic packet guys.
>

TNC or regenerator? That's exactly the way I was thinking. It's more technically appropriate, providing signaling as you suggest. And, it'll keep 'Jim Bob' and 'Joe Don' from resorting to analog voice communications through the digital "bent-pipe repeater" you eluded to.

Regards,
Steve Grantham, N5DWU
SERA-MS Director

'More than just a tool, communication is a process!'

20. SERA 70cm Digital Frequencies

From: SGranth@aol.com
Date: Fri, 8 Dec 1995 11:50:06 -0500
To: regional_freq@tapr.org, coordinator@cs.tamu.edu
Cc: cberg@grayfox.svs.com, FCorsanos@aol.com, DBILL@uic.edu,
BOB@grayfox.svs.com, 73303.3537@compuserve.com, bruninga@nadn.navy.mil,
SGranth@aol.com
Message-ID: <951208115004_48280284@emout06.mail.aol.com>
Rendered body type: text/plain

Gentlemen,

What you will see below is a quickly prepared extract, for your information, copied and pasted from the SERA 70cm Frequency Utilization Plan.

References to 12.5 kc narrowband channelization, and to wideband channels, is primarily intended to focus attention on the fact that these frequencies are allocated to digital.

(If the channelization does not fit your idea of how it should be done, or if you think the wideband plan is too complicated for implementation and use, please know this has been considered.)

(The 12.5 kHz steps have been 'under attack' for being too narrow for 9600 bps operations. Channels coordinated for 9600 bps use are, like other coordinated channels, being coordinated with adjacent channel use considered. The listing of 12.5 kc channels was intended to preclude homesteading of unidentified channels by users of conflicting modes of operation.)

Regards,
Steve Grantham, N5DWU
SERA-MS Director

'More than just a tool, communication is a process!'

SERA 70cm FUP, Digital Extract (w/ references to digital...)

441.1750	User/Dig	Simplex Digital NBFM	Vert
441.1625	User/Dig	Simplex Digital NBFM	Vert
441.1500	User/Dig	Simplex Digital NBFM	Vert
441.1375	User/Dig	Simplex Digital NBFM	Vert
441.1250	User/Dig	Simplex Digital NBFM	Vert
441.1125	User/Dig	Simplex Digital NBFM	Vert
441.1000	User/Dig	Simplex Digital NBFM	Vert
441.0875	User/Dig	Simplex Digital NBFM	Vert
441.0750	User/Dig	Simplex Digital NBFM	Vert
441.0625	User/Dig	Simplex Digital NBFM	Vert
441.0500	User/Dig	Simplex Digital NBFM	Vert
441.0375	User/Dig	Simplex Digital NBFM	Vert
441.0250	User/Dig	Simplex Digital NBFM	Vert
441.0125	User/Dig	Simplex Digital NBFM	Vert
441.0000	User/Dig	Simplex Digital NBFM	Vert

```
440.9875        User/Dig        Simplex Digital NBFM    Vert
440.9750        User/Dig        Simplex Digital NBFM    Vert
440.9625        User/Dig        Simplex Digital NBFM    Vert
440.9500        User/Dig        Simplex Digital NBFM    Vert
440.9375        User/Dig        Simplex Digital NBFM    Vert
440.9250        User/Dig        Simplex Digital NBFM    Vert
440.9125        User/Dig        Simplex Digital NBFM    Vert

445.7250        Rptr In Duplex  Digital NBFM    Vert
445.7125        Rptr In Duplex  Digital NBFM    Vert
445.7000        Rptr In Duplex  Digital NBFM    Vert
445.6875        Rptr In Duplex  Digital NBFM    Vert
445.6750        Rptr In Duplex  Digital NBFM    Vert
445.6625        Rptr In Duplex  Digital NBFM    Vert
445.6500        Rptr In Duplex  Digital NBFM    Vert
445.6375        Rptr In Duplex  Digital NBFM    Vert
445.6250        Rptr In Duplex  Digital NBFM    Vert
445.6125        Rptr In Duplex  Digital NBFM    Vert
445.6000        Rptr In Duplex  Digital NBFM    Vert
445.5875        Rptr In Duplex  Digital NBFM    Vert
445.5750        Rptr In Duplex  Digital NBFM    Vert
445.5625        Rptr In Duplex  Digital NBFM    Vert
445.5500        Rptr In Duplex  Digital NBFM    Vert
445.5375        Rptr In Duplex  Digital NBFM    Vert
445.5250        Rptr In Duplex  Digital NBFM    Vert
445.5125        Rptr In Duplex  Digital NBFM    Vert

440.7250        Rptr Out        Duplex  Digital NBFM    Vert
440.7125        Rptr Out        Duplex  Digital NBFM    Vert
440.7000        Rptr Out        Duplex  Digital NBFM    Vert
440.6875        Rptr Out        Duplex  Digital NBFM    Vert
440.6750        Rptr Out        Duplex  Digital NBFM    Vert
440.6625        Rptr Out        Duplex  Digital NBFM    Vert
440.6500        Rptr Out        Duplex  Digital     NBFM        Vert
440.6375        Rptr Out        Duplex  Digital     NBFM        Vert
440.6250        Rptr Out        Duplex  Digital NBFM    Vert
440.6125        Rptr Out        Duplex  Digital NBFM    Vert
440.6000        Rptr Out        Duplex  Digital NBFM    Vert
440.5875        Rptr Out        Duplex  Digital NBFM    Vert
440.5750        Rptr Out        Duplex  Digital NBFM    Vert
440.5625        Rptr Out        Duplex  Digital NBFM    Vert
440.5500        Rptr Out        Duplex  Digital NBFM    Vert
440.5375        Rptr Out        Duplex  Digital NBFM    Vert
440.5250        Rptr Out        Duplex  Digital NBFM    Vert
440.5125        Rptr Out        Duplex  Digital NBFM    Vert

445.5000        Wide-Band Digital Channel Edge
445.4750        Uplink  50 kHz  Digital WB      Vert
445.4500        Uplink  100 kHz Digital WB      Vert
445.4250        Uplink  50 kHz  Digital WB      Vert
445.4000        Uplink  100 kHz Digital WB      Horiz
445.3750        Uplink  50 kHz  Digital WB      Vert
445.3500        Uplink  100 kHz Digital WB      Vert
445.3250        Uplink  50 kHz  Digital WB      Vert
445.3000        Uplink  100 kHz Digital WB      Horiz
445.2750        Uplink  50 kHz  Digital WB      Vert
445.2500        Uplink  100 kHz Digital WB      Vert
445.2250        Uplink  50 kHz  Digital WB      Vert
445.2000        Uplink  100 kHz Digital WB      Horiz
445.1750        Uplink  50 kHz  Digital WB      Vert
445.1500        Uplink  100 kHz Digital WB      Vert
445.1250        Uplink  50 kHz  Digital WB      Vert
445.1000        Uplink  100 kHz Digital WB      Horiz
445.0750        Uplink  50 kHz  Digital WB      Vert
445.0500        Uplink  100 kHz Digital WB      Vert
445.0250        Uplink  50 kHz  Digital WB      Vert
445.0000        Wide-Band Digital Channel Edge

440.5000        Wide-Band Digital Channel Edge
440.4750        Downlink        50 kHz  Digital WB      Vert
440.4500        Downlink        100 kHz Digital WB      Vert
440.4250        Downlink        50 kHz  Digital WB      Vert
440.4000        Downlink        100 kHz Digital WB      Horiz
440.3750        Downlink        50 kHz  Digital WB      Vert
440.3500        Downlink        100 kHz Digital WB      Vert
440.3250        Downlink        50 kHz  Digital WB      Vert
440.3000        Downlink        100 kHz Digital WB      Horiz
440.2750        Downlink        50 kHz  Digital WB      Vert
440.2500        Downlink        100 kHz Digital WB      Vert
```

```
440.2250        Downlink        50 kHz  Digital WB      Vert
440.2000        Downlink        100 kHz Digital WB      Horiz
440.1750        Downlink        50 kHz  Digital WB      Vert
440.1500        Downlink        100 kHz Digital WB      Vert
440.1250        Downlink        50 kHz  Digital WB      Vert
440.1000        Downlink        100 kHz Digital WB      Horiz
440.0750        Downlink        50 kHz  Digital WB      Vert
440.0500        Downlink        100 kHz Digital WB      Vert
440.0250        Downlink        50 kHz  Digital WB      Vert
440.0000        Wide-Band Digital Channel Edge

439.8000        Band    +/- 200 kHz     Digital WB      Vert *2

430.9500        Simplex 100 kHz Digital WB      Horiz
430.8500        Simplex 100 kHz Digital WB      Horiz
430.7500        Rptr Out        ATV#2a  Audio   NBFM    Vert
430.6500        Simplex 100 kHz Digital WB      Horiz
430.5500        Simplex 100 kHz Digital WB      Horiz
430.4500        Simplex 100 kHz Digital WB      Horiz
430.3500        Simplex 100 kHz Digital WB      Horiz
430.2500        Simplex 100 kHz Digital WB      Horiz
430.1500        Simplex 100 kHz Digital WB      Horiz
430.0500        Simplex 100 kHz Digital WB      Horiz

Duplex Digital Channels:
Digital duplex repeater frequency pairs will be coordinated,
just as duplex voice systems (repeaters and links) are.

Simplex Voice and Digital:
These simplex operations are generally itinerant in nature, and
will not be coordinated.  (These are primarily user operations.)

430-431 MHz:
Wide Band Digital Band.  Nine 100 kHz bandwidth channels.
430.750 MHz is reserved for ATV audio.

439-440 MHz:
Repeater Links and Digital Spectrum as defined in this FUP.

440-442 MHz:
Digital and Voice Channels as defined in this FUP.

445-447 MHz:
Digital and Voice Channels as defined in this FUP.

FUP Notes:
*2) Digital band from 439.6 to 440 MHz may use the
necessary or desired antenna polarity as needed.

This document was prepared by Steve Grantham N5DWU.

Coordinators may direct queries to N5DWU at:

P.O. Box 127                    or to Steve Grantham via
Ellisville MS 39437-0127                EMAIL SGranth@AOL.com
```

21. APRS on 440

```
From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 08 Dec 95 12:03:57 EST
To: BlindCopyReceiver:;;@compuserve.com
Message-ID: <951208170356_73303.3537_FHM90-2@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From:   Gary Hendrickson, INTERNET:GHENDRIC@fcc.gov
TO:     (unknown), INTERNET:COORDINATOR@CS.TAMU.EDU
DATE:   12/8/95 9:46 AM

RE:     APRS on 440

Sender: ghendric@fcc.gov
Received: from cs.tamu.edu by arl-img-2.compuserve.com (8.6.10/5.950515)
        id KAA29703; Fri, 8 Dec 1995 10:37:52 -0500
Received: from gatekeeper.fcc.gov (gatekeeper.fcc.gov [192.104.54.1]) by
cs.tamu.edu (8.6.10/8.6.4) with SMTP id JAA09881 for <coordinator@cs.tamu.edu>;
Fri, 8 Dec 1995 09:28:19 -0600
Received: by gatekeeper.fcc.gov (5.65/DEC-Ultrix/4.3)
        id AA08568; Fri, 8 Dec 1995 09:57:31 -0500
```

Received: from unknown(165.135.0.16) by gatekeeper via smap (V1.0mjr)
        id sma008512; Fri Dec 8 09:57:05 1995
Received: from FCCMAIL-Message_Server by fcc.gov
        with Novell_GroupWise; Fri, 08 Dec 1995 10:29:03 -0500
Message-Id: <s0c8136f.014@fcc.gov>
X-Mailer: Novell GroupWise 4.1
Date: Fri, 08 Dec 1995 10:26:18 -0500
From: Gary Hendrickson <GHENDRIC@fcc.gov>
To: coordinator@cs.tamu.edu
Subject: APRS on 440

I'll start by saying that I'm an APRS outsider, and admit that I don't know a whole lot about it. I have learned quite a bit by reading the remailer. Thanks for the education, guys.

Now, for some opinions, and another suggestion to go into the pot.

First, we all recognize 446.000 as the nation-wide FM simplex calling frequency (I hope this assumption is reasonably correct, HI). Here in the T-MARC area, and I believe in many other areas, we have designated a few surrounding frequencies for simplex operations, and we are attempting to protect these frequencies from encroachment by non-simplex users. In particular, the block from 449.925 thru 446.075 is set aside for simplex.

Note that in the entire 420 - 450 Mhz band (that's 30 Mhz, guys), there are ONLY SEVEN channels set aside for FM simplex!!!! Does anyone believe that is too many frequencies for simplexers? I hope not! The 2-Meter band has more simplex frequencies than that, and it's only 4 Mhz wide! Yes, other parts of the country may have other band segments set aside for simplex, maybe not. But as coordinators, I believe we all have an obligation to look out for simplexer's interests as well as the rest of our regular constituents. Simplexers need and deserve some protected frequencies in the 440 band.

Therefore, I respectfully suggest that 445.925 is not a particularly good choice for APRS (not to mention the fact that this frequency is currently used by some form of coordinated operations is other parts of the country). Several years ago, a local packet sysop plopped his wide-area node down on 446.075. When queried about his choice of frequencies, part of his response was to the effect that the local packet community "had absolutely no intention of participating in any form of frequency coordination program. PERIOD!!" Well, I suspect that 446.075 is gone forever as an FM voice simplex frequency in this area. Sigh! (I believe that individual is now gone. I sure hope his successors don't carry the same attitude, and I am quite certain that they do not. But I also don't believe the current packet users on 446.075 are planning to vacate, nor would they be particularly happy of asked to. Time will tell.)

Now for my suggestion, which is based upon several premises, including:

1. It appears that there is a need for only one common nation-wide frequency for APRS (unless some form of repeater, digi, or other multi-frequency system evolves);

2. The 440 - 450 Mhz segment of the band is probably the most crowded, with FM voice (including repeaters, control and links, etc.) and ATV operations;

3. 439.25 Mhz ATV uses upper vestigial sideband (or it probably should if it doesn't already);

4. Inexpensive, dedicated, 9600 baud transmitters, and relatively inexpensive crystal-controled receivers, are available. And if APRS continues to grow in popularity, as some people anticipate, more inexpensive equipment will become available, especially if a dedicated frequency can be agreed upon;

5. There are international implications for APRS. Hence, a serious look at spectrum between 430 and 440 Mhz would be worthwhile;

6. There appears to be no need for this form of packet operation to be within the same band segments as other packet activity, as (from what little I know about it) the APRS system appears to be totally independent of virtaully all other forms of packet activity (my assumption is certainly open to re-education). (For the purposes of this discussion, I am talking strictly about the mobile transmiters, not about any links to interconnect the various fixed stations).

My suggestion is to look at 438.00, or nearby., for the following reasons:

1. This is at the top end of the international satellite sub-band, and (I hope) would cause a minimum of problems for the satellite community;

2. This as at the bottom of the 439.25 ATV channel, so should also cause a minimum of problems for ATV'ers;

3. The inexpensive, crystal-controlled receivers and transmitters will tune to this part of the band, I think.

4. Should the need arise, several channels in this same area would appear to be available for various forms of system expansion;

5. Frequencies used here might be "paired" with something near the low end of the 430 band, should the need arise;

6. If acceptable, this frequency selection looks like it might be one that could last for at least a few years;

7. This appears to be one of the less busy segments of the band.

Yes, there are some APRS users that have FM radios that only cover 440 to 450 Mhz. But due to the advantages cited above, I suspect most of them would not be too hesitant to spend a few bucks to move somewhere that they might be able to stay for several years.

Your thoughts?

Season's greetings & 73 to all, Gary W3DTN

22. Re: APRS Frequencies? (UHF mobiles seeing mobiles??)

From: SGranth@aol.com
Date: Fri, 8 Dec 1995 12:36:27 -0500
To: gerry@cs.tamu.edu, WhitBrown@aol.com
Cc: bruninga@nadn.navy.mil, 73303.3537@compuserve.com, cberg@grayfox.svs.com, regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu, coordinator@cs.tamu.edu, BOB@grayfox.svs.com, SGranth@aol.com
Message-ID: <951208123626_128318091@mail06.mail.aol.com>
Rendered body type: text/plain

WRONG! Actually, Whit Brown said it in reply to me!

73!
Steve Grantham, N5DWU

In a message dated 95-12-08 10:55:19 EST, gerry@cs.tamu.edu (Gerald J Creager) writes:

>Actually, Steve Grantham said this...
>
>>   I've heard this argument before, and still see collisions, just as on
>>voice with doubling. Damn anticipatory circuits crapped-out again. I've also
>>heard them say they get an increase in throughput from 40 to 80% over regular
>>digipeating, but they forget that they're now using 100% more frequencies
>>to do it with (duplex, as in a Pair, right?) I don't see the efficiency gained.
>

23. Fwd: 145.7900 APRS frequency choice...

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 08 Dec 95 15:37:06 EST
To: BlindCopyReceiver:;;@compuserve.com
Message-ID: <951208203705_73303.3537_FHM64-1@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: INTERNET:KK9T@aol.com, INTERNET:KK9T@aol.com
TO: (unknown), INTERNET:BOB@NPR.LEGENT.COM
        Mark J. Thompson, 73303,3537
        (unknown), INTERNET:CBERG@GRAYFOX.SVS.COM
        (unknown), INTERNET:DBILL@UIC.EDU
        (unknown), INTERNET:FCORSANOS@AOL.COM
        (unknown), INTERNET:ARUTZ@ADSNET.COM

        (unknown), INTERNET:DDALEY@ADSNET.COM
        (unknown), INTERNET:JES@FWI.COM
        (unknown), INTERNET:IBFUN@AOL.COM
        (unknown), INTERNET:KE9LZ@NETNET.NET
CC: (unknown), INTERNET:2006784@MCIMAIL.COM
        (unknown), INTERNET:SGRANTH@AOL.COM
        (unknown), INTERNET:3904185@MCIMAIL.COM
        (unknown), INTERNET:VEV@CONCH.AA.MSEN.COM
        (unknown), INTERNET:WA8HSU@AOL.COM
        (unknown), INTERNET:WB9SHY@AOL.COM
        (unknown), INTERNET:ATVQ@AOL.COM
        (unknown), INTERNET:3511297@MCIMAIL.COM
        (unknown), INTERNET:MIKEM@MRE.COM
        (unknown), INTERNET:KK9T@AOL.COM
        (unknown), INTERNET:N9UNR@EXECPC.COM
        (unknown), INTERNET:JEFF.ETV@WKU.EDU
DATE: 12/8/95 11:56 AM

RE: Fwd: 145.7900 APRS frequency choice...

Sender: kk9t@aol.com
Received: from mail02.mail.aol.com by dub-img-6.compuserve.com (8.6.10/5.950515)
        id MAA10166; Fri, 8 Dec 1995 12:48:40 -0500
From: <KK9T@aol.com>
Received: by mail02.mail.aol.com (8.6.12/8.6.12) id MAA07114; Fri, 8 Dec 1995
12:42:01 -0500
Date: Fri, 8 Dec 1995 12:42:01 -0500
Message-ID: <951208124200_48321023@mail02.mail.aol.com>
To: bob@npr.legent.com, 73303.3537@compuserve.com, cberg@grayfox.svs.com,
        dbill@uic.edu, FCorsanos@aol.com, arutz@adsnet.com, ddaley@adsnet.com,
        jes@fwi.com, IBFUN@aol.com, ke9lz@netnet.net
cc: 2006784@mcimail.com, SGranth@aol.com, 3904185@mcimail.com,
        vev@conch.aa.msen.com, WA8HSU@aol.com, WB9SHY@aol.com, ATVQ@aol.com,
        3511297@mcimail.com, mikem@mre.com, KK9T@aol.com, n9unr@execpc.com,
        JEFF.ETV@wku.edu
Subject: Fwd: 145.7900 APRS frequency choice...

Forwarded message:
From: fontej@DUBLIN7.MSMAIL.LITEL.COM (Fonte, Jim)
To: kk9t@aol.com (me)
Date: 95-12-08 11:22:18 EST

After "running the numbers", re: 145.7900 MHz. as the choice for the
national APRS frequency, I find the following...

Baseline assumptions:
1.- The DESIRED "center" frequency" is 145.7900 MHz.
2.- One can arbitrarily assume a worst-case frequency tolerance of +/- 750
Hz.
3.- The "squawk" data-rate is 1200 bps.
4.- The APRS receiver will have a modulation acceptance window of
approximately 16 kHz. -to approximately- 24 kHz. bandwidth, by manufacturer
design.
5.- The transmitter deviation adjustment for a commercially manufactured
piece of "ham" gear will likely be set +/- 5.0 kHz. -to- +/- 6.0 kHz.,
OUT-OF-THE-BOX.
6.- The maximum-modulating-frequency of a 1200 -or- 2400 bps. packet
transmitter is 2200 Hz. (2.2 kHz.)
7.- A guard-band of 2.5 kHz. bandwidth is an absolute minimum desirable
deadspace needed to safeguard sub-bands of differing modes (FM Vs. SSB,
etc.).

"Window" of transmitter frequency operation:
1.- Again, the DESIRED center-frequency is 145.7900 MHz.
2.- The lowest center-carrier point of frequency-error should be 145.78925
MHz.
3.- The highest center-carrier point of frequency-error should be 145.79075
MHz.

Calculated bandwidth of the APRS transmitter:
 ---TX BW = 2x(peak-deviation) + 2x(max-mod-freq)
 ---Total assigned channel BW = 2x(peak-deviation) + 2x(max-mod-freq) +
2x(TX-error)

WORST-CASE BW referenced to worst-case frequency-error:
a.- +/- 6 kHz. peak-deviation, center-CX @ 145.79075 MHz.

b.- 2x(6) + 2x(2.2) + 2x(.75) = 17.9 kHz. (total TX bandwidth)
c.- 17.9 / 2 = 8.95 kHz. (1/2 TX bandwidth re: center CX-freq)
d.- 145.79075 + .00895 = (145.7997 MHz). -and- 145.79075 - .00895 =
(145.7818 MHz.)
e.- The worst-case frequency error and worst-case peak-deviation puts the
"edge" of the APRS TX too-close (145.8000 - 145.7997 = _300 Hz._),
referenced to 145.8000 MHz....NOT DESIRABLE! A 300 Hz. guardband is NOT
enough "deadspace" to protect the band-edge of the amateur satellite
subband.

BEST-CASE BW referenced to worst-case frequency-error:
a.- +/- 2.0 kHz. peak-deviation, center-CX @ 145.79075 MHz.
b.- 2x(2) + 2x(2.2) + 2x(.75) = 9.9 kHz. (total TX bandwidth)
c.- 9.9 / 2 = 4.95 kHz. (1/2 TX bandwidth re: center-CX-freq)
d.- 145.79075 + .00495 = (145.7957 MHz.) -and- 145.79075 - .00495 =
(145.7858 MHz.)
e.- The worst-case frequency-error and the best-case peak-deviation puts
the "edge" of the APRS TX (145.8000 - 145.7957 = _4.3 kHz._) __4.3 kHz.__
from the 145.8000 satellite sub-band edge...MORE THAN ENOUGH GUARDBAND TO
SAFEGUARD THE SATELLITE SUBBAND. VERY MUCH DESIRABLE!!

THE TRANSMITTER-MODULATION INJECTION POINT -------
1.- If the radio amateur is going to "feed" the MIC jack with the TNC
tones, (this audio input will pre-emphasize the audio frequencies at a
6dB/octave rate), so the peak-deviation adjustment should be made using the
2200 Hz. tone from the TNC, and the peak deviation should be set to +/- 2.0
kHz. MAXIMUM.
2.- If the radio amateur is going to inject the TNC modulation directly to
the FM modulator (NO PREMPHASIS), the 1200 Hz. tone should be adjusted to
deviate the transmitter to +/- 1.0 kHz. MAXIMUM -and- the 2200 Hz. tone
should be adjusted to deviate the transmitter to +/- 2.0 kHz. MAXIMUM.

CONCLUSION:
1.- 145.7900 MHz. is a viable and sensible choice for national APRS
operation IF:
a.- the radio amateur operating the APRS TX is fully aware of the problems
that could be caused to other operations in the amateur satellite subband IF
the APRS transmitter center-frequency tolerance AND the transmitter
peak-deviation are not maintained at a minimum standard (as described
above).
b.- the radio amateur takes FULL RESPONSIBILITY for the proper maintenance
of his APRS transmitter(s), BEFORE he puts such a transmitter on this
frequency.
c.- the radio amateur DOES NOT ASSUME that the manufacturer of his APRS
transmitter has adjusted the peak-deviation and center-CX frequency
correctly...he will verify the proper operation of this transmitter BEFORE
putting it on-the-air.

Education, discussion, compromise, understanding, compliance,
responsibility, and implimentation...THESE ARE THE KEY ELEMENTS NECESSARY
FOR _ANY_ (!) OF OUR AMATEUR RADIO PROJECTS AND PROCESSES TO BE
 SUCCESSFUL...nothing less!

73,
Jim Fonte, KK9T

24. ARRL in the coordination business?????

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 08 Dec 95 17:32:42 EST
To: Digital Coordinators <regional_freq@tapr.org>
Message-ID: <951208223241_73303.3537_FHM54-1@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: INTERNET:vev@conch.aa.msen.com, INTERNET:vev@conch.aa.msen.com
TO: (unknown), INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 12/8/95 3:12 PM

RE: ARRL in the coordination business?????

Sender: vev@msen.com
Received: from cs.tamu.edu by dub-img-2.compuserve.com (8.6.10/5.950515)
        id PAA28133; Fri, 8 Dec 1995 15:58:48 -0500
Received: from conch.aa.msen.com (root@conch.aa.msen.com [148.59.6.20]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id OAA20285 for <coordinator@cs.tamu.edu>;
Fri, 8 Dec 1995 14:57:20 -0600
Received: from VINNY (vev@conch.aa.msen.com [148.59.6.20]) by conch.aa.msen.com
(8.6.12/8.6.12) with SMTP id PAA02108 for <coordinator@cs.tamu.edu>; Fri, 8 Dec

```
1995 15:57:41 -0500
Message-Id: <199512082057.PAA02108@conch.aa.msen.com>
From: vev@conch.aa.msen.com
Date: Fri, 08 Dec 95 15:33:19 0500
To: coordinator@cs.tamu.edu
Subject: ARRL in the coordination business?????
In-Reply-To: <951208140637_128377211@emout06.mail.aol.com>
X-Mailer: MR/2 Internet Cruiser Edition v0.99d


Feast your eyes on FCC Part 97.303(e)(1)(2)(3)(4)

1) deals with the use of 219-220MHz.
2) deals with the shared use of 219-220MHz.
3) No amateur may transmit in the 219-220MHz segment until written
notification as to
   geographical location of transmitters is given to the ARRL 30 days prior
to the start
   transmission.
4) No station may transmit in this segment within 640KM of a AMTS coast
station
   unless written permission has been received from the AMTS licensee --
AMTS
   license info may be acquired from the ARRL or InterActive Systems Inc.

Now then, I thought the ARRL said they weren't in the coordination
business?

When was the public notice of proposed rule change posted?  Why weren't
these even mentioned at the BOM???  Thes is as of a current listing of the
rules dated 11/17/95.

What are these, custom made rules?  How about 97.113(d), it describes
W1AW!!!!!

Vince.
--
==========================================================================
Vince Vielhaber -- KA8CSH     email: vev@msen.com    flame-mail: /dev/null
             Database Manager --  Coordinator Michigan Area Repeater Council
                  MSEN.COM is NOT the Microsoft Network!!
# include <std/disclaimers.h>         TEAM TIA                TEAM-OS2
==========================================================================
```

25. ARRL in the coordination business?????

```
From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 08 Dec 95 18:27:01 EST
To: Digital Coordinators <regional_freq@tapr.org>
Message-ID: <951208232701_73303.3537_FHM4-1@CompuServe.COM>
Rendered body type: text/plain
```

```
---------- Forwarded Message ----------

From:   MENDELS, INTERNET:MENDELS@ccabc.com
TO:     (unknown), INTERNET:COORDINATOR@CS.TAMU.EDU
CC:     (unknown), INTERNET:DSUMNER@ARRL.ORG
        (unknown), INTERNET:0002805867@MCIMAIL.COM
        (unknown), INTERNET:QUIAT@CSN.NET
        (unknown), INTERNET:0002993599@MCIMAIL.COM
        (unknown), INTERNET:2542030@MCIMAIL.COM
        (unknown), INTERNET:3113659@MCIMAIL.COM
DATE:   12/8/95 4:56 PM

RE:     ARRL in the coordination business?????

Sender: mendels@ccabc.com
Received: from cs.tamu.edu by dub-img-2.compuserve.com (8.6.10/5.950515)
        id RAA17962; Fri, 8 Dec 1995 17:33:30 -0500
Received: from interlock.ccabc.com (interlock.ccabc.com [198.81.203.2]) by
cs.tamu.edu (8.6.10/8.6.4) with SMTP id QAA23199 for <coordinator@cs.tamu.edu>;
Fri, 8 Dec 1995 16:32:26 -0600
Received: from smtp.ccabc.com by interlock.ccabc.com with SMTP id AA41592
  (InterLock SMTP Gateway 1.1 for
<@internet.ccabc.com:coordinator@cs.tamu.edu>);
  Fri, 8 Dec 1995 17:32:53 -0500
Message-Id: <199512082232.AA41592@interlock.ccabc.com>
From: MENDELS@ccabc.com (MENDELS)
Date: Fri, 08 Dec 1995 17:27 EST
To: coordinator@cs.tamu.edu
```

Cc: dsumner@arrl.org, 0002805867@mcimail.com, quiat@csn.net,
        0002993599@mcimail.com, 2542030@mcimail.com, 3113659@mcimail.com
Subject: ARRL in the coordination business?????

Hi Vince. Guess you missed the several year long battle in which ARRL
fought the commercial interests all the way to the Federal Court of Appeals
in the fight for 220-222 MHz.

Guess you must have been a bit distracted and didn't see the more-than-
a-year long proceeding that the FCC held in the matter of reallocation of
219-220 MHz.

I assume you also must have missed the Report and Order in which it
was stated that the only way that the current primary service, AMTS,
would agree to sharing the 219-220 MHz spectrum with the Amateur
Radio Service would be if a single national data-base administrator
acted on behalf of the Amateur Radio Service as a single point of
contact for the AMTS licensees. In that same document you will
see that the FCC named ARRL the data-base administrator.

A data base administrator is NOT a frequency coordinator.

>>Feast your eyes on FCC Part 97.303(e)...(3)(4)

<snip>

> 3) No amateur may transmit in the 219-220MHz segment until written
> notification as to geographical location of transmitters is given to
> the ARRL 30 days prior to the start transmission.

So ARRL can notify the AMTS coordinee in the area. Please note
that the League doesn't select nor recommend the frequency, it
merely passes the information on to the AMTS licensee in the
affected area.

>4) No station may transmit in this segment within 640KM of a AMTS coast
>station unless written permission has been received from the AMTS
>licensee --AMTS license info may be acquired from the ARRL or
>InterActive Systems Inc.

The agreement is between the AMTS station and the ARS licensee.
The League provides information to both sides who the principals
on the other side are e.g. name and address contact information.

>Now then, I thought the ARRL said they weren't in the coordination
>business?

ARRL isn't. A complete understanding, based on knowledge of
how the rulemaking came about would illustrate that.

> When was the public notice of proposed rule change posted? Why weren't
> these even mentioned at the BOM???

The League fought long and hard on behalf of Amateur Radio to save the
220-222 MHz
portion of the band. If you missed that you missed one of the great fights
of the decade.

Many of us were quite proud of just how far the Board was willing to go to
save the
segment. Letters to congress, heavy lobbying of the FCC, a lawsuit to get
the band
back after it was allocated to the commercial ACSSB interests and finally a
trip to
the federal court of appeals marked just how hard ARRL fought to save this
portion of the spectrum.

When it looked like we would not retain this portion of the band the ARRL
redirected it's energies to attain another segment as replacement
spectrum. The entire issue took place over a 4 or 5 year span.

None of this was mentioned at the BOM because it was ancient
history by then.

Is this new news to you? Perhaps you should have quietly asked
before you issued your harsh-sounding declaration.

The whole issue is one of ARRL's finest moments and one our members
indicated that they were quite proud of.

Have a good Holiday season. Regards.

 -73- Steve Mendelsohn, WA2DHF

26. Re: APRS Frequencies? (UHF mobiles seeing mobiles??)

From: Gerald J Creager <gerry@cs.tamu.edu>
Date: Sat, 9 Dec 1995 07:55:41 -0600 (CST)
To: SGranth@aol.com
Cc: gerry@cs.tamu.edu, bruninga@nadn.navy.mil, 73303.3537@compuserve.com,
        cberg@grayfox.svs.com, regional_freq@tapr.org, FCorsanos@aol.com,
        DBILL@uic.edu, coordinator@cs.tamu.edu, BOB@grayfox.svs.com
Message-ID: <199512091355.HAA26741@solar.cs.tamu.edu>
Rendered body type: text/plain

SGranth@aol.com sez:
>
>   TNC or regenerator? That's exactly the way I was thinking. It's more
> technically appropriate, providing signaling as you suggest. And, it'll keep
> 'Jim Bob' and 'Joe Don' from resorting to analog voice communications
> through the digital "bent-pipe repeater" you eluded to.

For my time & money, the regenerator is the way to go, especially if we go to
the effort of finding a good site and hardware for a duplex operation. It
seems more'n a little silly, tho' to do a regenerator at 1200 baud, while at
9600 baud or higher, it makes sense.

But we stray from the topic of APRS and a dedicated system desirous of a
homeland!

I can see APRS stations migrating toward 9600 baud sometime soon, and
especially as they migrate to 70 cm. The technology is getting easier and
easier. Then, I think the digipeater guys can make a significant leap.

73, gerry

27. Re: APRS Frequencies? (UHF mobiles seeing mobiles??)

From: SGranth@aol.com
Date: Sat, 9 Dec 1995 10:10:03 -0500
To: WhitBrown@aol.com, gerry@cs.tamu.edu
Cc: bruninga@nadn.navy.mil, 73303.3537@compuserve.com, cberg@grayfox.svs.com,
        regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu,
        coordinator@cs.tamu.edu, BOB@grayfox.svs.com, SGranth@aol.com
Message-ID: <951209101002_129000444@emout06.mail.aol.com>
Rendered body type: text/plain

In a message dated 95-12-08 10:45:41 EST, WhitBrown@aol.com writes:

>>>
>>>   Further, if the base was full duplex, the repeats could be 'real-time',
>>> preventing the 'hidden terminal syndrome'.
>>
>>
> I've heard this argument before, and still see collisions, just as on
voice
>with doubling. Damn anticipatory circuits crapped-out again. I've also heard
>them say they get an increase in throughput from 40 to 80% over regular
>digipeating, but they forget that they're now using 100% more frequencies to
>do it with (duplex, as in a Pair, right?) I don't see the efficiency gained.
>
>73, Whit
>
>

  Well Whit... nobody is perfect, especially not a machine created by man.
 The control circuitry, logic, and parameters that let the TNC decide when to
start transmitting are all under the control and influence of man. Even men
will key the microphone and double on voice transmissions, and they use
paired frequencies for repeaters too. There are lots of good and practical
reasons for split frequency operations, and you don't necessarily need to
transmit and receive simultaneously on both frequencies to gain the benefits.

Regards,
Steve Grantham, N5DWU

...This is not an argument, it's just fact...

28. Re: APRS Frequencies? (UHF mobiles seeing mobiles??)

```
From: WhitBrown@aol.com
Date: Sun, 10 Dec 1995 15:43:26 -0500
To: SGranth@aol.com, gerry@cs.tamu.edu
Cc: bruninga@nadn.navy.mil, 73303.3537@compuserve.com, cberg@grayfox.svs.com,
        regional_freq@tapr.org, FCorsanos@aol.com, DBILL@uic.edu,
        coordinator@cs.tamu.edu, BOB@grayfox.svs.com
Message-ID: <951210154323_129779107@emout05.mail.aol.com>
Rendered body type: text/plain
```

In a message dated 95-12-09 10:10:12 EST, SGranth writes:

<< There are lots of good and practical reasons for split frequency operations, and you don't necessarily need to transmit and receive simultaneously on both frequencies to gain the benefits. >>

Agreed, I was responding to one who was proposing in-band, simultaneous duplexing as a cure for the 'hidden transmitter' theme. And indeed while the repeater CAN hear both users, they can't hear each other, and it can't anticipate when either will transmit, whereas in voice there is less likelihood of collisions due to a listener being able to anticipate to some appreciable degree whether a response to the last transmission is forthcoming, unless of course you are unfortunate enough to have stumbled upon those that just HAVE to get the last word in, hi.

I was just saying that the APPARENT gain of 40 to 80% throughput is not that great when considering that 100% more frequencies are involved.

---

29. IAFC (fwd)

```
From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 11 Dec 95 13:35:27 EST
To: BlindCopyReceiver:;;@compuserve.com
Message-ID: <951211183527_73303.3537_FHM51-3@CompuServe.COM>
Rendered body type: text/plain
```

---------- Forwarded Message ----------

From: Gerald J Creager, INTERNET:gerry@cs.tamu.edu
TO: (unknown), INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 12/9/95 9:15 PM

RE: IAFC (fwd)

```
Sender: gerry@cs.tamu.edu
Received: from cs.tamu.edu by dub-img-2.compuserve.com (8.6.10/5.950515)
        id VAA24455; Sat, 9 Dec 1995 21:59:38 -0500
Received: from solar.cs.tamu.edu (2961@solar.cs.tamu.edu [128.194.132.1]) by
cs.tamu.edu (8.6.10/8.6.4) with ESMTP id UAA10235 for <coordinator>; Sat, 9 Dec
1995 20:58:32 -0600
From: Gerald J Creager <gerry@cs.tamu.edu>
Received: (gerry@localhost) by solar.cs.tamu.edu (8.6.10/8.6.4) id UAA05722 for
coordinator; Sat, 9 Dec 1995 20:58:25 -0600
Message-Id: <199512100258.UAA05722@solar.cs.tamu.edu>
Subject: IAFC (fwd)
To: coordinator@cs.tamu.edu
Date: Sat, 9 Dec 1995 20:58:25 -0600 (CST)
X-Mailer: ELM [version 2.4 PL24]
Content-Type: text
Content-Length: 5410

This just in from the AMSAT-BB list.  Since there is an OFFICIAL IARU
Frequency Coordinator (and Graham is decent folks) I thought we might want to
recognize him...

73, gerry  n5jxs

==============================  Cut Here  ==============================
Hans van de Groenendaal SA AMSAT sez:
> From listmaint@amsat.org Sat Dec  9 17:40:59 1995
> Date: Sat, 09 Dec 1995 23:44:53 +0200
> From: Hans van de Groenendaal SA AMSAT <AMSAT@uctvms.uct.ac.za>
> Subject: IAFC
> To: amsat-bb@amsat.org
> Message-id: <01HYMEJ57PUGAC3XRC@uctvms.uct.ac.za>
> MIME-version: 1.0
> Content-type: TEXT/PLAIN; CHARSET=US-ASCII
> Content-transfer-encoding: 7BIT
>
> Dear Friends
>
```

> It gives me great pleasure to announce the appointment of Graham Ratcliff
> VK5AGR as IARU AMSAT Frequency Coordinator. The appoint was made in
> consultation with the international AMSAT groups.
> I would like to express my thanks to the other persons who were nominated for
> their willingness to take on the job. It is always difficult to select one
> person from a number who are all competant. I will be in touch with each
> person to seek their support for another of other tasks that are required to
be
> performed.
>
> Here follows the official press release for publication in jourbals and on
> bulletins.
>

>   J H N VAN DE GROENENDAAL
>   IARU SATELLITE ADVISER
>   IARU REGION ONE EXECUTIVE COMMITTEE MEMBER
>   Postal address: P.O.Box 1842, Hillcrest 3650
>   TEL: +27 31 765-6334 FAX: +27 31 765-6456
>   INTERNET "AMSAT@UCTVAX.UCT.AC.ZA"
>
>
>
>   GRAHAM RATCLIFF VK5AGR APPOINTED AS
>   IARU AMSAT FREQUENCY COORDINATOR
>
>
>
> Hans van de Groenendaal ZS5AKV has appointed Graham Ratcliff
> VK5AGR as the IARU AMSAT Frequency Coordinator (IAFC). Graham was
> selected from a number of nominations made by international AMSAT
> Groups for his long association with the Amateur Satellite
> programme and his excellent performance as a ground command
> station controller for AMSAT OSCAR 13.
>
> A native of Australia, Graham is a Medical Technologist employed
> by the Women's and Childrens' Hospital where he is Laboratory
> Manager for the Department of Chemical Pathology and also
> responsible for all departmental computing.
>
> He became a radio amateur in 1978 with a limted licence (VHF
> only) and commenced Amateur Satellite activities on AMSAT-OSCAR-7
> and 8 using the mode A, B and J transponders. The following year
> he was granted a novice licence (limited HF only) and awarded the
> 'OSCAR Satellite Communications Achievement Recognition Award'.
>
> In 1980 he obtained a full licence and callsign VK5AGR. In that
> year the 'Satellite DX Achievement Award' was bestowed on him.
> In 1981 he became Divisional Councillor/Education Officer for the
> South Australian Division of the Wireless Institute of Australia
> and in 1982 was elected as Divisional Councillor/Treasurer for
> the South Australian Division and in 1984 became Federal
> Councillor and Vice President. He held several other position in
> the Institute till 1986 when he resigned to focus all his
> attention on Amateur Satellite Service.
>
> With the launch of UoSAT-OSCAR-9 Graham started actively
> collecting satellite telemetry and using it for attitude
> determination. At that time he was also very active on the
> Russian mode A satellites.
>
> With the launch of AMSAT-OSCAR-10 he started actively monitoring
> the 400 baud PSK telemetry and using it for attitude
> determination and monitoring spacecraft health.
>
> In 1984 Dr Karl Meinzer, DJ4ZC invited Graham to train as a
> Command Station for Phase 3C (AMSAT-OSCAR-13) and Ian Ashley,
> ZL1AOX was given the task of providing the preliminary training.
>
>
>
>
> In May 1985 he attended a Command Station training session held
> in Boulder, Colorado during Phase 3C's thermal-vacuum testing.
> On his return he spent until the end of that year commanding
> AO-10 when required and was heavily involved in attempts to
> recover AMSAT-OSCAR-10 when its onboard computer failed at the
> end of the year.

>
> In 1987 Graham was invited by the University of Surrey to provide
> an Australian Gateway for the UoSAT-OSCAR-11 Digital
> Communications Experiment.
>
> With the AMSAT-OSCAR-13 launch on 15 June 1988 Graham along with
> other Command Stations DJ4ZC, DB2OS and ZL1AOX provided
> satellite ranging data for orbital element determination.
>
> In 1992 he was involved in the formation of the Australian
> Amateur Space Engineering Society and its proposal to build an
> Amateur Satellite in Australia. He is involved in the Space
> Shuttle Amateur Radio Experiment (SAREX) as a relay station and
> is responsible for setting up a network of 3 Australian stations
> to maximise contacts via phone patch for school contacts.
>
> Graham is also committed to supporting the Phase 3D Project as
> a Command Station which has involved the encouragement and
> training of other prospective Command Stations.
>
> He is available on Email :gratclif@wattle.itd.adelaide.edu.au.
> His mailing address is:
>
>   9 Homer Road
>   CLARENCE PARK
>   SOUTH AUSTRALIA 5034
>
> ends.
>

30. ARRL RD Packet Listings

From: Carl Bergstedt <cberg@grayfox.svs.com>
Date: Wed, 13 Dec 95 15:03:01 PST
To: regional_freq@tapr.org
Message-ID: <Chameleon.951213150319.cberg@napcom.svs.com>
Rendered body type: text/plain

Hello to all and Happy Holidays,

I've just finished turning in the listings for Illinois to the ARRL. Please review the attached file and
 let me know what you think of my comments for an expanded set of notes for the Packet Listing section
of the RD.

73, Carl K9VXW
[Attachment: NATPAK1.NOT; application/octet-stream; 1,430 bytes]

31. Packet-Mode channel spacing practicality...

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 19 Dec 95 14:49:24 EST
To: Bob Hajek <f#hajek@ccmail.ceco.com>, Nels Harvey <nhar@execpc.com>,
        Dick Islely <dick@mcs.com>
Cc: Digital Coordinators <regional_freq@tapr.org>
Message-ID: <951219194924_73303.3537_FHM74-1@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: INTERNET:KK9T@aol.com, INTERNET:KK9T@aol.com
TO: (unknown), INTERNET:BOB@NPR.LEGENT.COM
        Mark J. Thompson, 73303,3537
        Carl Bergstedt, INTERNET:CBERG@GRAYFOX.SVS.COM
        Bill Davidson, INTERNET:DBILL@UIC.EDU
        Frank Corsanos, INTERNET:FCORSANOS@AOL.COM
        (unknown), INTERNET:ARUTZ@ADSNET.COM
        (unknown), INTERNET:DDALEY@ADSNET.COM
        (unknown), INTERNET:JES@FWI.COM
        (unknown), INTERNET:IBFUN@AOL.COM
        (unknown), INTERNET:KE9LZ@NETNET.NET
CC: Bill, WA8SHU, INTERNET:WA8HSU@AOL.COM
        Steve, WB9SHY, INTERNET:WB9SHY@AOL.COM
        Vince Vielhaber, INTERNET:VEV@CONCH.AA.MSEN.COM
        (unknown), INTERNET:2006784@MCIMAIL.COM
        INTERNET:SGranth@aol.com, INTERNET:SGRANTH@AOL.COM
        (unknown), INTERNET:3904185@MCIMAIL.COM
        N9UNR, INTERNET:N9UNR@EXECPC.COM
        Jeremy Ruck, INTERNET:JRUCK@HEARTLAND.BRADLEY.EDU
        (unknown), INTERNET:JEFF.ETV@WKU.EDU
        Jim Fonte, INTERNET:KK9T@AOL.COM
        Whit Brown, INTERNET:WHITBROWN@AOL.COM

DATE: 12/18/95 11:16 AM

RE: Packet-Mode channel spacing practicality...

Sender: kk9t@aol.com
Received: from emout05.mail.aol.com (emout05.mail.aol.com [198.81.10.37]) by
arl-img-3.compuserve.com (8.6.10/5.950515)
        id LAA09953; Mon, 18 Dec 1995 11:00:51 -0500
From: <KK9T@aol.com>
Received: by emout05.mail.aol.com (8.6.12/8.6.12) id KAA19460; Mon, 18 Dec 1995
10:55:32 -0500
Date: Mon, 18 Dec 1995 10:55:32 -0500
Message-ID: <951218105531_75255342@emout05.mail.aol.com>
To: bob@npr.legent.com, 73303.3537@compuserve.com, cberg@grayfox.svs.com,
        dbill@uic.edu, FCorsanos@aol.com, arutz@adsnet.com, ddaley@adsnet.com,
        jes@fwi.com, IBFUN@aol.com, ke9lz@netnet.net
cc: WA8HSU@aol.com, WB9SHY@aol.com, vev@conch.aa.msen.com, 2006784@mcimail.com,
        SGranth@aol.com, 3904185@mcimail.com, n9unr@execpc.com,
        jruck@heartland.bradley.edu, JEFF.ETV@wku.edu, KK9T@aol.com,
        WhitBrown@aol.com
Subject: Packet-Mode channel spacing practicality...

Gents,

Well, there has been some very lively conversation about the "National" APRS
frequency, and other packet issues, that, for the most part, should be of
information interest of a cooperative nature to the FM-repeater/voice-relay
Coordinator.

The issue of technical-absolutes for a given transmission-process are, to me,
of paramount importance for the band-planning process, but the "nit-picky"
arguments that abound, relating to center-channel location, and that
1200/2400 bps. speeds must eventually yeild to 9600 bps speed, should be put
to rest by some blatant common sense.

Since the FCC Rules & Regs state that the "data-type" transmission
"speed-limit" shall be no-more-than 9600 bps. on the 6m & 2m bands, and
no-more-than 20 kHz. in total bandwidth, why don't the Packet-Coordinators &
Planners consider 20 kHz. channel-spacing for all its "up-to 9600 bps."
terrestrial-packet-channels...to accomodate present-and-future bandwidth and
transmission-speed needs. For example, the APRS "channel" could be moved to
145.7850 MHz., allowing for a 5 kHz. guard-band (deadspace) wall protecting
the edge of the 145.8000 -to- 146.0000 MHz. satellite subband, and NO
guardband between future 9600 bps ----- OR, explained another way, to the
"left" of 145.785 MHz., (with no guard-band, as presently utilized) for up-to
9600 bps. packet-transmissions as shown - as well as protecting OTHER MODES
and processes:

145.8000 - satellite subband protected
**5 kHz. guardband
145.7850(pkt) - APRS
145.7650(pkt) - 145.7450(pkt) - 145.7250(pkt) - 145.7050(pkt) - 145.6850(pkt)
- 145.6650(pkt) - 145.6450(pkt) - 145.6250(pkt) - 145.6050(pkt) -
145.5850(pkt) - 145.5650(pkt)
**5 kHz. guardband
145.5500 - shuttle downlink-frequency protected
**5 kHz. guardband
145.5350(pkt) - 145.5150(pkt)
145.4900 - last repeater subband output
145.1100 - first repeater subband input
145.0900(pkt) - 145.0700(pkt) - 145.0500(pkt) - 145.0300(pkt) - 145.0100(pkt)

144.9900(shared: shuttle-voice&pkt uplink during flights, else time
terrestrial)
144.9700(shared: shuttle-voice&pkt uplink during flights, else time
terrestrial)
144.9500(shared: shuttle-voice&pkt uplink during flights, else time
terrestrial)
144.9300(shared: shuttle-voice&pkt uplink during flights, else time
terrestrial)
144.9100(shared: shuttle voice&pkt uplink during flights, else time
terrestrial)

_____
Is any of this thought of any value to anyone??

...Jim, KK9T

32. Fwd: ATV Bandwidth

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 21 Dec 95 18:56:13 EST
To: BlindCopyReceiver:;;@compuserve.com
Message-ID: <951221235613_73303.3537_FHM28-2@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: INTERNET:KK9T@aol.com, INTERNET:KK9T@aol.com
TO: Bill, WA8SHU, INTERNET:WA8HSU@AOL.COM
Steve, WB9SHY, INTERNET:WB9SHY@AOL.COM
Vince Vielhaber, INTERNET:VEV@CONCH.AA.MSEN.COM
(unknown), INTERNET:ARUTZ@ADSNET.COM
(unknown), INTERNET:JEFF.ETV@WKU.EDU
(unknown), INTERNET:MIKEM@MRE.COM
(unknown), INTERNET:BOB@NPR.LEGENT.COM
Mark J. Thompson, 73303,3537
Carl Bergstedt, INTERNET:CBERG@GRAYFOX.SVS.COM
Bill Davidson, INTERNET:DBILL@UIC.EDU
Frank Corsanos, INTERNET:FCORSANOS@AOL.COM
(unknown), INTERNET:DDALEY@ADSNET.COM
(unknown), INTERNET:JES@FWI.COM
(unknown), INTERNET:IBFUN@AOL.COM
(unknown), INTERNET:KE9LZ@NETNET.NET
N9UNR, INTERNET:N9UNR@EXECPC.COM
Jeremy Ruck, INTERNET:JRUCK@HEARTLAND.BRADLEY.EDU
CC: Jim Fonte, INTERNET:KK9T@AOL.COM
DATE: 12/21/95 6:51 PM

RE: Fwd: ATV Bandwidth

Sender: kk9t@aol.com
Received: from emout05.mail.aol.com (emout05.mail.aol.com [198.81.10.37]) by
arl-img-3.compuserve.com (8.6.10/5.950515)
id SAA25623; Thu, 21 Dec 1995 18:39:40 -0500
From: <KK9T@aol.com>
Received: by emout05.mail.aol.com (8.6.12/8.6.12) id SAA02520; Thu, 21 Dec 1995
18:36:35 -0500
Date: Thu, 21 Dec 1995 18:36:35 -0500
Message-ID: <951221183633_9650945@emout05.mail.aol.com>
To: WA8HSU@aol.com, WB9SHY@aol.com, vev@conch.aa.msen.com, arutz@adsnet.com,
JEFF.ETV@wku.edu, mikem@mre.com, bob@npr.legent.com,
73303.3537@compuserve.com, cberg@grayfox.svs.com, dbill@uic.edu,
FCorsanos@aol.com, ddaley@adsnet.com, jes@fwi.com, IBFUN@aol.com,
ke9lz@netnet.net, n9unr@execpc.com, jruck@heartland.bradley.edu
cc: KK9T@aol.com
Subject: Fwd: ATV Bandwidth

FYI...

Forwarded message:
From: atv-clerk@tallahassee.net
Reply-to: atv-clerk@tallahassee.net
To: KK9T@aol.com
Date: 95-12-21 16:07:30 EST

This message has been forwarded to you by the TSX-BBS mailing list manager.
Submitted-by: TOMSMB@aol.com
To send a message to this mailing list, address the message to
"ATV@tallahassee.net". To remove yourself from this list, send e-mail to
"listserv@tallahassee.net". Include in the body of the message the
following line: "UNSUBSCRIBE ATV"

Received: by emout06.mail.aol.com (8.6.12/8.6.12) id PAA28522 for
ATV@tallahassee.net; Thu, 21 Dec 1995 15:42:58 -0500
Date: Thu, 21 Dec 1995 15:42:58 -0500
From: TOMSMB@aol.com
Message-ID: <951221154256_20876377@emout06.mail.aol.com>
To: ATV@tallahassee.net
Subject: ATV Bandwidth

We hear all kinds of numbers thrown around for ATV bandwidth. Those looking
for spectrum for other modes most often have a false impression if not
defined correctly to them. No wonder they think we are band hogs Most I

have talked to think in terms of FM where the spectrum power density is quite high over the whole bandwidth - not so with ATV. Bandwidth really depends on what one is talking about, so here are some definitions.

Occupied Bandwidth: Per FCC Rules 97.3(a)(8) it is the width of a frequency band outside of which the mean power of the transmitted signal is at least 26 dB below the mean power of the transmitted signal within the band. ATV luminance video (the black and white part) is actually less than 2 MHz.

Carson's Rule for FM Occupied Bandwidth: 2 times the deviation plus 2 times the highest modulating frequency. i.e. 2x 5 kHz deviation plus 2x 3 kHz voice or digital equals 16 kHz.

ATV Transmitted Bandwidth: Down greater than 40 dBc +/- 1 MHz of the video carrier (Television Engineering Handbook - 1992 - Benson - Fig. 5-11) plus color subcarrier at 3.58 MHz Down greater than 22 dBc (all red screen) and sound subcarrier 4.5 MHz greater than 15 dBc. Note this is true for both DSB and VSB. VSB has lower color and sound subcarriers attenuated additionally by the VSB filter response curve starting at -1.25 MHz below the video carrier.

Standard TV channel bandwidth: 6 MHz, video carrier 1.25 MHz up from lower edge.

While the transmitted video is many tens of dB below the peak envelope power (sync tip) and random (not unlike spread spectrum) the TV receiver IF and detector bandwidth must be almost flat across the whole 4.2 MHz to maintain the transmitted relative video to sync ratio. Normal instantaneous luminance video response bandwidth: 3 MHz.
Highest instantaneous video response bandwidth including color: 4.2 MHz

This is why most ATV stations receive more interference than transmit it.
 Most narrow band modes will never notice an ATV transmitter on the air if they are operating between 1 and 3.4 MHz or 3.8 and 4.3 MHz from a video carrier. The actual spectrum power density is about the same as license free FCC part 15 field strength with a 10 Watt ATV transmitter in these 2.4 and .5 MHz segments within the ATV channel. However, any narrow band transmissions greater than one microvolt within the 6 MHz channel can interfere with the picture.

De Tom, W6ORG

Feel free to use any of my Email ATV notes in your local ATV news letters if you like as long as they are unedited and my call signed at the end as the source. I appreciate any constructive feedback or questions of general interest for future notes.

33. [APRSSIG:5577] Re: 6M APRS Activiity...

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: 29 Dec 95 19:36:09 EST
To: BlindCopyReceiver:;;@compuserve.com
Message-ID: <951230003609_73303.3537_FHM56-2@CompuServe.COM>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "David W. Barrow III", INTERNET:dbarrow@omnifest.uwm.edu
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 12/29/95 1:59 PM

RE: [APRSSIG:5577] Re: 6M APRS Activiity...

Sender: dbarrow@omnifest.uwm.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by arl-img-5.compuserve.com (8.6.10/5.950515)
        id NAA27695; Fri, 29 Dec 1995 13:46:58 -0500
Received: from uwm.edu (uwm.edu [129.89.6.2]) by cs.tamu.edu (8.6.10/8.6.4) with ESMTP id MAA29676 for <coordinator@cs.tamu.edu>; Fri, 29 Dec 1995 12:45:03 -0600
Received: from omnifest.uwm.edu (omnifest.uwm.edu [129.89.70.58]) by uwm.edu (8.7.1/8.6.9) with SMTP id MAA10211 for <coordinator@cs.tamu.edu>; Fri, 29 Dec 1995 12:45:43 -0600 (CST)
Received: by omnifest.uwm.edu; (5.65/1.1.8.2/17Sep94-0940PM)
        id AA06392; Fri, 29 Dec 1995 12:45:42 -0600
Date: Fri, 29 Dec 1995 12:45:42 -0600
From: "David W. Barrow III" <dbarrow@omnifest.uwm.edu>
Message-Id: <9512291845.AA06392@omnifest.uwm.edu>
To: coordinator@cs.tamu.edu
Subject: [APRSSIG:5577] Re: 6M APRS Activiity...

FORWARDED FROM: /mail/db/dbarrow(#8054) From:benws5r@aol.com

Whatever we do we need to decide what frequency we are going to use. I have seen reports of 6m activity on 50.620 and 50.610. Have been running 6m APRS during the E-skip of the last few days and have seen nothing, although I did connect with a node in Wisconson from NW Texas and got into there 2m net and played around, so it can work.

I'll probably be flamed again, but oh well won't be the last time. What about a 2m and 6m weak signal (aka SSB) freq, It would be nice to have one to try for periods of E-skip, meteor showers, etc. And it might turn out to be a great beacon system!

On another note has anyone done or thought of tying a 6m rig in with a wide? I mean haveing a 2m rig and 6m rig running off of one single port TNC, so it will basically act as a dual freq node? I don't know if this will work or not, but any ideas are welcome.

Go ahead and flame and whine, caise I wear an asbestos suit all the time! I'm also qualified and licensed to remove it.

Ben WS5R at What Lakes? Amarillo TX benws5r@arn.net

-----FORWARDER'S COMMENTS:
GENTLEMEN -

As you can see - WE need to give a little guidance here!

Could we PLEASE get the Presidents of the various coordination bodies to appoint a committee - QUICKLY!!!!

If WE can't solve this kind of problem - I have little hope...

Dave Barrow, N9UNR
FC-WI WAR-MACC
n9unr@execpc.com

34. intro

From: wd6cmu@netcom.com (Eric Williams)
Date: Sun, 31 Dec 1995 12:56:57 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <199512312056.MAA01042@netcom20.netcom.com>
Rendered body type: text/plain

I just added myself to the list and thought I'd introduce myself. I am vice-president and frequency coordinator for the Northern California Packet Association. NCPA is an education and coordination organization for the northern part of the state established in 1987. I've placed our current bandplan in URL ftp://ftp.netcom.com/pub/wd/wd6cmu/ncpa_bandplan if anyone wants to refer to it.
--
Eric Williams | wd6cmu@netcom.com | WD6CMU@WD6CMU.#NOCAL.CA.USA.NOAM

April 1996

Original source file: regional_freq.9604
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1996-04/REGIONAL_FREQ_1996-04.txt

1. IGNORE

```
From: Greg Jones <wd5ivd@tapr.org>
Date: Sun, 7 Apr 1996 19:26:34 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <199604080026.TAA24330@tapr.org>
Rendered body type: text/plain
```

Yes -- I know you are reading the message :-)

Please delete -- I needed to test something on TAPR.ORG.

Cheers - Greg, WD5IVD
TAPR

---

2. TAPR Posting

```
From: Greg Jones <wd5ivd@tapr.org>
Date: Sun, 7 Apr 1996 19:32:41 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <199604080032.TAA25096@tapr.org>
Rendered body type: text/plain
```

Hello Regional_Freq Group.

PLease ignore this message. We are testing a new software item and I needed
to send a messsage to a group for testing.

Cheers - greg

---

3. Re: Dayton Hotel Rooms

```
From: "Mark J. Thompson" <73303.3537@CompuServe.COM>
Date: 16 Apr 96 00:00:36 EDT
To: Gary Hendrickson <GHENDRIC@fcc.gov>
Cc: Digital Coordinators <regional_freq@tapr.org>,
        "Coordinator's Remailer" <coordinator@cs.tamu.edu>
Message-ID: <960416040036_73303.3537_FHM41-3@CompuServe.COM>
Rendered body type: text/plain
```

Coordinators -

Every year I get a block of 10 hotel rooms at Dayton for friends, etc. I
usually have a couple rooms left over every year. As most of you know, hotel
rooms during the Hamvention are very difficult to get at this time. So if you
need a room let me know via email and I might be able to help you out.

73, Mark, WB9QZB
Secretary, NIPRFC (Northern Illinois Packet Radio Frequency Council)

September 1996

Original source file: regional_freq.9609
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1996-09/REGIONAL_FREQ_1996-09.txt

1. list died

From: "Rex H. Ishmael" <rishmael@texhoma.net>
Date: Wed, 18 Sep 1996 14:52:03 -0500
To: regional_freq@tapr.org
Message-ID: <1.5.4.16.19960918144702.36476492@texhoma.net>
Rendered body type: text/plain

Has this list died?.. should I unsubscribe?

Rex Ishmael, Sr. Environmental Engineer, Halliburton Energy Services
E-Mail:rishmael@halnet.com (work)
E-Mail:rishamel@texhoma.net (home)
Amatuer Mail: WD0AJG@WD0AJG.#SCOK.OK.USA.NOAM

2. Re: [REGIONAL_FREQ:95] list died

From: Dan Puckett <danp@comp.uark.edu>
Date: Wed, 18 Sep 1996 16:04:51 -0500 (CDT)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.94.960918160025.1084W-100000@comp.uark.edu>
Rendered body type: text/plain

No, Rex - just very quiet. In fact there are some relevant
comments floating around on some other lists that I thought
I might cross-post to spark a little action over here. The
subject of packet "coordination" seems to be heating up out
in the world. Give me a day or two...

73, Dan

On Wed, 18 Sep 1996, Rex H. Ishmael wrote:

> Has this list died?.. should I unsubscribe?

3. Re: [REGIONAL_FREQ:96] Re: list died

From: Mel Whitten <mel@mo.net>
Date: Wed, 18 Sep 1996 20:42:07 -0500
To: regional_freq@tapr.org
Message-ID: <2.2.32.19960919014207.006a6ea4@mo.net>
Rendered body type: text/plain

Yes, Rex...I believe there will be some more discussion soon regarding
packet freq coordination. So, please stay tuned. The TAPR/DCC conference
is this weekend so I would expect there will be a few relavent comments
spoken between the rain drops.

mel, k0pfx

At 04:08 PM 9/18/96 -0500, you wrote:
>No, Rex - just very quiet. In fact there are some relevant
>comments floating around on some other lists that I thought
>I might cross-post to spark a little action over here. The
>subject of packet "coordination" seems to be heating up out
>in the world. Give me a day or two...
>
>73, Dan
>
>
>On Wed, 18 Sep 1996, Rex H. Ishmael wrote:
>
>> Has this list died?.. should I unsubscribe?
>
>
>
Mel Whitten, K0PFX

4. Re: list died

From: Jeff King <jeff@mich.com>
Date: Wed, 18 Sep 1996 22:45:52 -0400
To: regional_freq@tapr.org
Message-ID: <1.5.4.32.19960919024552.00726db4@mich.com>
Rendered body type: text/plain

>On Wed, 18 Sep 1996, Rex H. Ishmael wrote:
>
>> Has this list died?.. should I unsubscribe?
>

Had hoped to get a flavor for the group before posing this
question, but here goes anyways:

How does one personally protect oneself with regards to potential
frequency coordination issues? I'm refering to cases were
either a existing 'voice' coordination group will not release
frequencies to packet operation or a existing packet coordination
group 'favors' a particular group of people over another ('My
network is better then your network...').

Short of going off the air, I'm interested in what actions a
individial should take to protect one's self against self
serving frequency coordinators.

Thanks.

-Jeff WB8WKA

5. Re: packet vs voice allocations

From: Gary Mitchell <wb6yru@arasmith.com>
Date: Thu, 19 Sep 1996 03:09:35 -0700 (PDT)
To: regional_freq@tapr.org
Message-ID: <199609191009.DAA05585@arasmith.com>
Rendered body type: text/plain

Jeff WB8WKA wrote:
> How does one personally protect oneself with regards to potential
> frequency coordination issues? I'm refering to cases were
> either a existing 'voice' coordination group will not release
> frequencies to packet operation or a existing packet coordination

Good question, Jeff. This may not be exactly along the same lines, but
let me add to it a bit with a specific case...

The NCPA (No. CA Packet Assn.) has a problem like this in our region.
NARCC, the repeater coordinator in the area has the 70cm band pretty much
"spoken for." Except for the ATV sub-bands, they claim to control the
whole band. There are just a couple of simplex FM voice frequencies and
one freq. (count 'em... one) for packet. They claim there's nothing
left, yet they will coordinate packet usage on a case by case basis.
This really rubs me the wrong way since they're not a digital coordinator.

Since part of what the NCPA does is digital freq. allocation, our board
was wondering how to go about getting a small block of frequencies in
the 70cm band without things turning ugly. The best way to proceed is
not obvious.

Gary, WB6YRU
NCPA

6. Interesting...

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Fri, 20 Sep 1996 16:43:27 -0400
To: Carl Bergstedt <cberg@GRAYFOX.SVS.COM>,
        Digital Coordinators <regional_freq@tapr.org>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
        Bob Van Valzah <BOB@GRAYFOX.SVS.COM>
Message-ID: <199609201645_MC1-9A6-CF1D@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: INTERNET:WhitBrown@aol.com, INTERNET:WhitBrown@aol.com
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 9/20/96 2:26 PM

RE: Interesting...

Sender: whitbrown@aol.com

```
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
hil-img-6.compuserve.com (8.6.10/5.950515)
        id PAA06110; Fri, 20 Sep 1996 15:21:14 -0400
From: <WhitBrown@aol.com>
Received: from emout03.mail.aol.com (emout03.mx.aol.com [198.81.11.94]) by
cs.tamu.edu (8.7.6/8.7.3) with SMTP id OAA10306 for
<coordinator@cs.tamu.edu>; Fri, 20 Sep 1996 14:13:32 -0500 (CDT)
Received: by emout03.mail.aol.com (8.6.12/8.6.12) id PAA22007 for
coordinator@cs.tamu.edu; Fri, 20 Sep 1996 15:13:59 -0400
Date: Fri, 20 Sep 1996 15:13:59 -0400
Message-ID: <960920151359_106696933@emout03.mail.aol.com>
To: coordinator@cs.tamu.edu
Subject: Interesting...

Snip from latest ARRL Letter Update of 9/20/96...

>
>* Help wanted: The ARRL Washington Office has an opening for an
electronics
>engineer (BSEE or equivalent experience) with spectrum-management
>experience. Duties would include representing the interests of Amateur
Radio

>to US government agencies, the ITU and regional organizations. Public
>speaking ability, professional-quality writing and the ability to deal
with
>people from other countries are essential. Spanish language skills are a
>plus. Send resume and salary expectations to R. Boucher, ARRL, 225 Main
St,
>Newington, CT 06111; fax 860-594-0298.
>
```

7. (no subject)

```
From: "Neal Winters" <nealwinters@cyberia.com>
Date: Thu, 26 Sep 1996 10:24:13 -0400
To: <regional_freq@tapr.org>
Message-ID: <199609240241.VAA11795@tapr.org>
Rendered body type: text/plain
```

```
Looking for Info...   Will appreciate any....
R....
-  Neal  -   N3XYW

.....................................................................
.....................

> To:        Greg Jones     wd5ivd@tapr.org

> From:      Neal Winters
>
> Ref:  Repeater locations Southwest  of Tucson.
>
>       Dear Greg:
>
> I Winter over in the mountains about 40 miles southwest of Tucson.
> Specifically about 12 / 13 miles  outheast of Three Points.   I can see
> Keystone Peak and Baviquavari from  my trailer.
>
> Are there any  VHF repeaters  in that area that I can avail myself to ???
>
> I have the 1996 Repeater atlas but that doesn't list all the repeaters
and
> last year  when I was there I didn't have a license.  now I do and have a
> hand held
> VHF ,  Plan to do packet as soon as my budget  catches up .
>
> Appreciate any info...  Thanks    ....   -  Neal  -
>
>
> Neal E. Winters
>
> N3XYW
>
> nealwinters@juno.com or nealwinters@cyberia.com
>
> If you have no info perhaps you could fwd this req for info to  someone
who
> might.
>
```

> Sincerely
>
> - Neal -
>

8. 144.30 - 144.50 (former Satellite band)

From: KN4AQ@aol.com
Date: Sat, 28 Sep 1996 12:57:59 -0400
To: coordinator@cs.tamu.edu
Cc: bruninga@nadn.navy.mil, regional_freq@tapr.org
Message-ID: <960928125758_295640567@emout15.mail.aol.com>
Rendered body type: text/plain

Comments made recently on the coordinator's remailer indicate that AMSAT has no future plans for the band segment 144.3 to 144.5 for satellite use, either as user frequencies, or nonpublished command and control channels.

There is some use in that band segment now. Let me correct myself on the space shuttle frequencies I mentioned in an earlier note to Whit:

144.45 and 144.47 are alternate voice uplink channels for general Space Shuttle contacts, used only when a MIR docking is involved, such as the recently completed mission to retreive Shannon Lucid. These alternate frequencies are used to avoid conflicts with MIR's simples operation on 145.55. The alternate voice downlink frequency for these missions is 145.84.

144.49 is the regular Shuttle packet uplink channel, in use whenever the packet mode is operating on the shuttle (with 145.55 as the downlink). Packet is not used during MIR docking missions.

But, the "opening" of 144.30 to at least 144.43 is of great significance -- not to repeaters, of course, but to VHF band planners in general. It shines the spotlight on the question: Who are the VHF band planners, especially where repeaters are not involved? NFCC? ARRL?

Should packet expand further into this band segment? Are there any other uses for it that need it more? APRS at 144.43?

Gary KN4AQ
VP/FC Packet>East of NC

9. Re: 144.30 - 144.50 (former Satellite band)

From: Dana Shtun <ba395@freenet.toronto.on.ca>
Date: Sat, 28 Sep 1996 15:52:01 -0400 (EDT)
To: KN4AQ@aol.com
Cc: coordinator@cs.tamu.edu, bruninga@nadn.navy.mil, regional_freq@tapr.org
Message-ID: <Pine.3.89.9609281546.A1496-0100000@queen>
Rendered body type: text/plain

I would like to comment on the substance of the attached comments from KN4AQ. Having been personally involved in putting the bandplanning process on track here in Canada over the last 15 years (seem like yesterday) first under the auspices of the Canadian Radio Relay League (CRRL) and now with Radio Amateurs of Canada (RAC), it is clear to me that no everyone can be 100 percent happy with ANY bandplan .... even here in Canada with our relatively small VHF population and VAST geographic dispersion...unfortunate but true.... we have been able to accommodate most of the variety of modes and activities with a minimum of disruptive behaviour.

Comments: 144.3 - 144.5 needs attention... DIGITAL modes do need a spot to evolve and "spread". If digital voice is ever to supplant/augment analog voice FM or even SSB on VHF this is a good place to experiment. Low power packet can go in here too. WRT to space communications, we have few VHF UHF bands that are commonly licensed across regions 1,2,and 3 so we ought to focus on a global perspective, given the future developments in manned space activity (MIR, FREEDOM and future shuttle (space plane) projects...), remembering that these activities help to justify our existence by showing that our resources can be used to educate our kids rather than for self ingratiation....

APRS and other digital modes do need to be coordinated with space communications in the sub band 144.3 - 144.5 . I would like to know just WHO decided to use that portion of 2 metres, who did the coordination work with regions 1, 2, and 3 national societies and when it was ratified by IARU and our national societies, because I can find no record of such coordination.

Likewise in the sub band 144.0 - 144.1 I see that EME allocations are

speading well above 144.1 yet NO one has sought to corrdinate this with
existing terrestrial users or national societies.. (!)... so we still
have some rough spots to smooth over... and it's going to get more
complex every year from now on due to population pressures, new
technologies and loss of VHF UHF spectrum.... again check out the RAC
home page on the WWW and lets see how we can reduce problems on 2
metres.... 73 Dana VE3DSS

On Sat, 28 Sep 1996 KN4AQ@aol.com wrote:

>
> Comments made recently on the coordinator's remailer indicate that AMSAT has
> no future plans for the band segment 144.3 to 144.5 for satellite use, either
> as user frequencies, or nonpublished command and control channels.
>
> There is some use in that band segment now. Let me correct myself on the
> space shuttle frequencies I mentioned in an earlier note to Whit:
>
> 144.45 and 144.47 are alternate voice uplink channels for general Space
> Shuttle contacts, used only when a MIR docking is involved, such as the
> recently completed mission to retreive Shannon Lucid. These alternate
> frequencies are used to avoid conflicts with MIR's simples operation on
> 145.55. The alternate voice downlink frequency for these missions is 145.84.
>
> 144.49 is the regular Shuttle packet uplink channel, in use whenever the
> packet mode is operating on the shuttle (with 145.55 as the downlink).
> Packet is not used during MIR docking missions.
>
> But, the "opening" of 144.30 to at least 144.43 is of great significance --
> not to repeaters, of course, but to VHF band planners in general. It shines
> the spotlight on the question: Who are the VHF band planners, especially
> where repeaters are not involved? NFCC? ARRL?
>
> Should packet expand further into this band segment? Are there any other
> uses for it that need it more? APRS at 144.43?
>
> Gary KN4AQ
> VP/FC Packet>East of NC
>

Dana Shtun, VE3DSS
Chair RAC Spectrum Mgt Committee
Editor 6 Metres and Down in TCA
QRV 50 thru 1300 MHz!

10. Re: 144.30 - 144.50 (former Satellite band)

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sat, 28 Sep 1996 16:20:32 -0400 (EDT)
To: KN4AQ@aol.com
Cc: coordinator@cs.tamu.edu, regional_freq@tapr.org, amsat-bb@amsat.org,
        ka3hdo@amsat.org
Message-ID: <Pine.GSO.3.95.960928161104.11121E-100000@arctic>
Rendered body type: text/plain

On Sat, 28 Sep 1996 KN4AQ@aol.com wrote:

> Comments made recently on the coordinator's remailer indicate that AMSAT has
> no future plans for the band segment 144.3 to 144.5 for satellite use, either
> as user frequencies, or nonpublished command and control channels.

Not only do I find the above statment impossible to believe due to
numerous PACSAT uplinks in that range plus most scheduled (non published)
SAREX activities, BUT

Dont forget 144.34 as the nationwide high altitude balloon frequency.
Almost every balloon that goes up carries a 2m transmitter on this
frequency. Protection out 450 miles is required for these launches due
to altitudes of over 100,000 feet (18 miles up!).

This, channel must be preserved. There is typically a launch somewhere
just about every other weekend these days. Plus LOTS OF PREPARATORY
TESTING.   These devices are ALWAYS XTAL controled due to size and weight
constraints.

de WB4APR@amsat.org

11. Re: 144.30 - 144.50 (former Satellite band)

From: Gary Pearce KN4AQ <kn4aq.gary@mms.net>
Date: Sat, 28 Sep 1996 22:02:58 -0400
To: regional_freq@tapr.org
Cc: Coordinator Remailer <coordinator@cs.tamu.edu>, "bruninga"@nadn.navy.mil
Message-ID: <324DD8D2.208@mms.net>
Rendered body type: text/plain

Copied below is a reply I received from Bob WB4APR (author of APRS) on activity existing in the 144.3 - 144.5 region of two-meters:

> I wrote:
>
>Comments made recently on the coordinator's remailer indicate that AMSAT has
>no future plans for the band segment 144.3 to 144.5 for satellite use,
>either as user frequencies, or nonpublished command and control channels.

Bob Bruninga replied:
>
> Not only do I find the above statment impossible to believe due to
> numerous PACSAT uplinks in that range plus most scheduled (non published)
> SAREX activities, BUT

Thanks for the info, Bob. Let's double-check, since I'm not a satellite expert by any means. My list of satellites shows all uplink/downlinks for 2 meters in the 145.8 - 146.0 range. For example:

 AMSAT-OSCAR 16 aka PACSAT
1200 bps Manchester FSK Uplinks:
          145.900 MHz
          145.920 MHz
          145.940 MHz
          145.960 MHz

I find no satellites listed with uplinks or downlinks in the 144 range.

The SAREX channels, however, are unquestionably correct. In addition to those I mentioned, SAREX uses several other frequencies in the 144 area, plus some in the 145 area now also occupied by packet systems, for school contacts. (I know, we had a SAREX contact for area schools in 1992, and used channels in both areas of the band).

>
> Dont forget 144.34 as the nationwide high altitude balloon frequency.
> Almost every balloon that goes up carries a 2m transmitter on this
> frequency. Protection out 450 miles is required for these launches due
> to altitudes of over 100,000 feet (18 miles up!).
>
> This, channel must be preserved. There is typically a launch somewhere
> just about every other weekend these days. Plus LOTS OF PREPARATORY
> TESTING.   These devices are ALWAYS XTAL controled due to size and weight
> constraints.
>

And this was one I was unaware of, despite reading about almost every balloon launch that might float within range of NC. Likely I just missed the common frequency.

So, there's yet more to think about in that range.

And the question remains: who does the band planning for this spectrum?

73,
Gary KN4AQ

--
Gary Pearce   Avid/Video Editor   Internet:kn4aq.gary@mms.net
116 Waterfall Ct.   Franklin Video
Cary, NC 27513   Raleigh, NC
919-380-9944   919-833-8888   Ham Radio: KN4AQ

12. Re: 144.30 - 144.50 (former Satellite band)

From: Dana Shtun <ba395@freenet.toronto.on.ca>
Date: Sun, 29 Sep 1996 09:36:18 -0400 (EDT)
To: Gary Pearce KN4AQ <kn4aq.gary@mms.net>
Cc: regional_freq@tapr.org, Coordinator Remailer <coordinator@cs.tamu.edu>,
        bruninga@nadn.navy.mil
Message-ID: <Pine.3.89.9609290913.B9213-0100000@queen>
Rendered body type: text/plain

again who coordinated 144.34 and sought approval in the US and Canada????
We need some heavy consultation here gentlemen.

Dana Shtun, VE3DSS
Chair RAC Spectrum Mgt Committee
Editor 6 Metres and Down in TCA
QRV 50 thru 1300 MHz!

13. subscribe nealwinters@cyberia,com

From: "Neal Winters" <nealwinters@cyberia.com>
Date: Wed, 2 Oct 1996 22:39:03 -0400
To: <regional_freq@tapr.org>
Message-ID: <199609300240.VAA21548@tapr.org>
Rendered body type: text/plain

subscribe

nealwinters@cyberia.com

October 1996

Original source file: regional_freq.9610
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1996-10/REGIONAL_FREQ_1996-10.txt

1. Re: 144.30 - 144.50 (former Satellite band)

From: WhitBrown@aol.com
Date: Tue, 1 Oct 1996 17:27:18 -0400
To: ba395@freenet.toronto.on.ca, kn4aq.gary@mms.net
Cc: regional_freq@tapr.org, coordinator@cs.tamu.edu, bruninga@nadn.navy.mil
Message-ID: <961001172717_115763634@emout11.mail.aol.com>
Rendered body type: text/plain

In a message dated 96-09-29 09:38:23 EDT, ba395@freenet.toronto.on.ca (Dana Shtun) writes:

>
>again who coordinated 144.34 and sought approval in the US and Canada????
>We need some heavy consultation here gentlemen.
>
>

Hi Dana,
  I don't know if it makes that much difference as to WHO actually did the coordination at this stage. Many times I think it just sometimes becomes a de facto 'standard' (read 'coordination') due to the random availability of crystals the originator happened to have in his junk box. He got his system to work and happened to be using this frequency to do so, and his followers used that frequency also. I'm not saying it's right or what we'd like to see continue, but it does happen on occasion.

Now, looking ahead, I've been forwarded some traffic that looks like Bob Bruninga, WB4APR, would not be adverse to encouraging a national movement away from 145.790, perhaps down in frequency for the APRS ops.

I understand that Canada has been using 144.390 for APRS for sometime now. It would sure seem to be a viable alternative for us down here in the 'Colonies' to consider...what say gang?
 We have a prime opportunity here, lets do something with it...something PROactive instead of REactive.

73,
Whit

2. Re: 144.30 - 144.50 (former Satellite band)

From: Dana Shtun <ba395@freenet.toronto.on.ca>
Date: Sat, 5 Oct 1996 14:17:42 -0400 (EDT)
To: WhitBrown@aol.com
Cc: kn4aq.gary@mms.net, regional_freq@tapr.org, coordinator@cs.tamu.edu,
        bruninga@nadn.navy.mil
Message-ID: <Pine.3.89.9610051435.C8947-0100000@queen>
Rendered body type: text/plain

We moved APRS down there, to give it a chance here, given the activity in the 145 band....we felt that one clear channel was enough... go for it guys!

Dana Shtun, VE3DSS
Chair RAC Spectrum Mgt Committee
Editor 6 Metres and Down in TCA
QRV 50 thru 1300 MHz!

3. (no subject)

From: "Douglas J. Reed" <n3aia@worldnet.att.net>
Date: Wed, 09 Oct 1996 20:38:36 -0700
To: regional_freq@tapr.org
Message-ID: <325C6FBC.6636@worldnet.att.net>
Rendered body type: text/plain

SUBSCRIBE

n3aia@worldnet.att.net

4. ARRL Board Approves MOU With NFCC

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Thu, 31 Oct 1996 18:02:01 -0500
To: JOHN F CHAPUT <jfchaput@wwa.com>,

Digital Coordinators <regional_freq@tapr.org>,
Jim Romelfanger <smokesigs@baraboo.com>
Message-ID: <199610311802_MC1-B86-2258@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: MENDELS, INTERNET:MENDELS@abc.com
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
CC: Whit Brown, INTERNET:WHITBROWN@AOL.COM
(unknown), INTERNET:DSUMNER@ARRL.ORG
(unknown), INTERNET:0002805867@MCIMAIL.COM
Owen Wormser, INTERNET:OWORMSER@TRITON.DMSO.MIL
(unknown), INTERNET:WB5IGF@ARRL.ORG
(unknown), INTERNET:0002993599@MCIMAIL.COM
Fortney, James T., INTERNET:FORTNEYJ@IX.NETCOM.COM
(unknown), INTERNET:WA6WZO@ARRL.ORG
(unknown), INTERNET:0002006784@MCIMAIL.COM
Dick Islely, INTERNET:DICK@MCS.COM
(unknown), INTERNET:CIMLAY@ARRL.ORG
(unknown), INTERNET:311-3659@MCIMAIL.COM
DATE: 10/29/96 3:38 PM

RE: ARRL Board Approves MOU With NFCC

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
hil-img-5.compuserve.com (8.6.10/5.950515)
id QAA17244; Tue, 29 Oct 1996 16:32:44 -0500
Received: from abc.com (ilock1.ccabc.com [199.222.75.3]) by cs.tamu.edu
(8.8.2/8.8.2) with SMTP id PAA01054 for <coordinator@cs.tamu.edu>; Tue, 29
Oct 1996 15:14:19 -0600 (CST)
Received: by abc.com id AA00270
(InterLock SMTP Gateway 1.1 for coordinator@cs.tamu.edu);
Tue, 29 Oct 1996 16:14:48 -0500
Message-Id: <199610292114.AA00270@abc.com>
From: MENDELS@abc.com (MENDELS)
Date: Tue, 29 Oct 1996 16:00 EST
To: coordinator@cs.tamu.edu
Cc: whitbrown@aol.com, dsumner@arrl.org, 0002805867@mcimail.com,
owormser@triton.dmso.mil, wb5igf@arrl.org, 0002993599@mcimail.com,
fortneyj@ix.netcom.com, wa6wzo@arrl.org, 0002006784@mcimail.com,
dick@mcs.com, cimlay@arrl.org, 311-3659@mcimail.com
Subject: ARRL Board Approves MOU With NFCC

The ARRL Board of Directors met at Windsor Locks, CT, on
Saturday, October 26, 1996. One of the agenda items was
approval of the Memorandum of Understanding that the ARRL
Ad-Hoc Repeater Committee had negotiated with the National
Frequency Coordinators Council, Inc. (NFCC) Board at the ARRL
National Convention in Peoria, Ill, on September 13, 1996.

The ARRL Board accepted the Memorandum with minor
changes in wording and voted to have President Rod
Stafford, KB6ZV, sign the Memorandum upon acceptance
of the changes by the NFCC Board.

The two changes to the MOU requested by the ARRL Board
were to allow consultations more frequently than annually and
to establish the fact that the NFCO was an ARRL administrative
office acting on behalf of the NFCC.

ARRL First Vice President Steve Mendelsohn, WA2DHF,
presented the changes to Dick Isely, WD9GIG, Chairman, NFCC
Board of Directors, by phone. Mr. Isely contacted the remaining
NFCC Board members and reported acceptance of the changes.

The ARRL Board then voted to accept the document, as amended,
and authorize signing by the President.

This vote represents the successful conclusion of the first phase of
what ARRL President Stafford characterized as "the beginning of a
mutually beneficial relationship among the ARRL, the NFCC and
all amateurs interested in improving the process of repeater
coordination."

Following the signing, ARRL and NFCC will begin discussions on
how best to implement the MOU.

```
--------------------------------------------------------------------------------
-
 ----------------------
Press Release Issued To The Coordinators Remailer on October 29, 1996,
by Steve Mendelsohn, WA2DHF, First Vice President, ARRL.
```

November 1996

Original source file: regional_freq.9611
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1996-11/REGIONAL_FREQ_1996-11.txt

1. bandplanning for digital

```
From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Tue, 5 Nov 1996 17:58:05 -0500
To: Digital Coordinators <regional_freq@tapr.org>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
        KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199611051822_MC1-BA2-B1AB@compuserve.com>
Rendered body type: text/plain
```

---------- Forwarded Message ----------

From: WERNER.W.F-, INTERNET:WERNER.W.F-@postal.essd.northgrum.com
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/5/96 1:57 PM

RE: bandplanning for digital

```
Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (pophost.cs.tamu.edu [128.194.130.106]) by
dub-img-1.compuserve.com (8.6.10/5.950515)
        id OAA04355; Tue, 5 Nov 1996 14:19:47 -0500
Received: from sunrise.northgrum.com (sunrise.northgrum.com
[155.104.240.10]) by cs.tamu.edu (8.8.2/8.8.2) with ESMTP id NAA15802 for
<coordinator@cs.tamu.edu>; Tue, 5 Nov 1996 13:10:22 -0600 (CST)
Received: from shuttle.northgrum.com (shuttle.northgrum.com
[155.104.244.11]) by sunrise.northgrum.com (8.7.3/8.7.1) with ESMTP id
OAA03042 for <coordinator@cs.tamu.edu>; Tue, 5 Nov 1996 14:10:11 -0500
(EST)
Received: from mail1.essd.northgrum.com (mail1.essd.northgrum.com
[155.104.245.99]) by shuttle.northgrum.com (8.7.3/8.7.1) with ESMTP id
OAA28372 for <coordinator@cs.tamu.edu>; Tue, 5 Nov 1996 14:10:11 -0500
(EST)
Received: from postal.essd.northgrum.com (postal.essd.northgrum.com
[155.104.245.97]) by mail1.essd.northgrum.com (8.7.3/8.7.1) with SMTP id
OAA08852 for <coordinator@cs.tamu.edu>; Tue, 5 Nov 1996 14:08:03 -0500
(EST)
Received: from ccMail by postal.essd.northgrum.com
  (IMA Internet Exchange 2.02 Enterprise) id 27F90D00; Tue, 5 Nov 96
14:09:04 -0500
Mime-Version: 1.0
Date: Tue, 5 Nov 1996 14:05:50 -0500
Message-ID: <27F90D00.1858@postal.essd.northgrum.com>
From: WERNER.W.F-@postal.essd.northgrum.com (WERNER.W.F-)
Subject: bandplanning for digital
To: coordinator@cs.tamu.edu
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Recently the following missive was sent to coordinators adjacent to TMARC.
We would like comments from everybody else, as well.
----------------
Greetings! We in the TMARC area are investigating changes to our bandplans
to accommodate digital interests.  We are soliciting your thoughts and
ideas in this area.  It is becoming even more important that adjacent area
coordinators are in agreement with digital "recommendations" due to
migrating nature of the beast.

We are working with DMARC, an organization of SYSOPS, and other digital
guys for changes to our 2 meter and 440 MHz bands.  If this effort goes
well, we will look to other bands as well.

Our working group, the Digital Committee (DC) is a subset of our Board of
Directors, namely Gary, W3DTN; Larry, WA3KOK; and Bill, W3EAO, Chairman.
All  have been with TMARC a long time and are familiar with the task at
hand.  Our thoughts are not to allocate channels, but to recommend blocks
of frequencies that digital users can develop as they see fit.  Also, these

blocks should begin/end on logical boundaries to maximize the chances that
digital users remember them.
```

At our initial meeting on 10/12, we came up with a number of proposed changes, most involved trades of spectrum (channels here and there) for blocks of spectrum.

1.) Trade 144.9's for NO DIGITAL above 145.8. TMARC must move replexers to

splinter channels in 147 MHz portion of band. Note that most area have done

this long ago and digital is migrating to this area despite interference to

coordinated replexers.

2.) Continue investigation into 144.3 to .5 for digital/experimenters/space

usage. DC has a preliminary plan to present to adjacent area coordinators,

AMSAT folks, and re-mailer. Note the preliminary plan (please keep confidential until finalized) is:

144.3 to 144.4 - digital
144.4 to 144.44 - experimental
144.44 to 144.5 - space

3.) TMARC will seriously look into providing 200 kHz block of frequencies at 446 MHz for digital use. In trade for 441 +/- channels , to keep ATV'rs

happy. We will commence this if and only if digital users agree that this is enough spectrum for foreseeable future needs. (we cannot see freeing up

more space than this). This is also a trade for digital at 446.5, and would specifically be 446.025 to 446.200 (at the moment). Simplex would remain on 446.00 and a few channels below 446.

4.) Digital will look into desirability of block of frequencies in 433 to 435 sub-band. Here space is more available and new rigs tune this band. This is another option for additional space. I would like to block out 200

to 500 kHz.

5.) Quiet hours for digital on 441 channels, 7 to 11 PM, to keep ATV'rs happy as an interim measure until activity could move to other sub-bands.

6.) We need to develop standards for separation for new channels based upon

9600 baud. This is for adjacent and co-channel stuff with voice users. Also needed if we coordinate 12.5 kHz spaced channels in 440 band (chances are low on this one). Thoughts are to coordinate digital point-to-point links same as voice channels, but it was suggested that additional channels

could be made available if we go to splinters like the commercial guys do.

Thanks for your time and 73,

Bill, W3EAO, Chairman Digital Committee

2. Re: [REGIONAL_FREQ:112] bandplanning for digital

From: Jeff King <jeff@mich.com>
Date: Wed, 06 Nov 1996 23:22:22 -0500
To: regional_freq@tapr.org
Message-ID: <1.5.4.32.19961107042222.0071b684@mich.com>
Rendered body type: text/plain

To complicated is my general impression. Your falling into the trap getting to specific. Just be a frequency coordinator, look at the physical issues (bandwidths, frequency re-use) as opposed to the bits.

At 05:28 PM 11/5/96 -0600, you wrote:
>
>---------- Forwarded Message ----------
>
>From: WERNER.W.F-, INTERNET:WERNER.W.F-@postal.essd.northgrum.com
>TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
>DATE: 11/5/96 1:57 PM
>
>RE: bandplanning for digital
>
>Sender: coordinator-owner@cs.tamu.edu

>Recently the following missive was sent to coordinators adjacent to TMARC.
>We would like comments from everybody else, as well.
>----------------

>
>1.) Trade 144.9's for NO DIGITAL above 145.8. TMARC must move replexers to
>splinter channels in 147 MHz portion of band. Note that most area have done
>this long ago and digital is migrating to this area despite interference to
>coordinated replexers.

What happens when you have a good site (home or high) and you want more then
one two metre port? If your like most digital people, sure you'll put
one on 145.91 and the other on 145.03 and claim it works "OK". The rules
of RF still apply even if your working digital. You need frequency
seperation. Our repeater "coordinator" tried that bait and switch on
us a number of years ago but some people that weren't asleep at the
switch caught it.

>
>Bill, W3EAO, Chairman Digital Committee
>
>

Let me guess, your voice coordinator appointed you? Not to be so bitter,
but here in Michigan this same scam happened a number of years ago. Has
basically destroyed packet radio as the 'voice' guys now call the shots
and throw whatever scraps they want to the packet folk.

The "digital bandplans" have insured that no coordinated operation on
56kbaud can occur anywhere in the state below 902mhz. In a populated
state, this is understandable. However, besides Detroit and Grand Rapids
Michigan is mostly corn fields and trees. Go figure?

jeff wb8wka

3. KA1TIH, Re:bandplanning for digital

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Wed, 6 Nov 1996 16:13:23 -0500
To: Digital Coordinators <regional_freq@tapr.org>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
        KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199611061613_MC1-BA7-4688@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: INTERNET:TOMSMB@aol.com, INTERNET:TOMSMB@aol.com
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/6/96 3:25 PM

RE: KA1TIH, Re:bandplanning for digital

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
hil-img-4.compuserve.com (8.6.10/5.950515)
        id PAA16618; Wed, 6 Nov 1996 15:03:31 -0500
Received: from emout11.mail.aol.com (emout11.mx.aol.com [198.81.11.26]) by
cs.tamu.edu (8.8.2/8.8.2) with SMTP id NAA26180 for
<coordinator@cs.tamu.edu>; Wed, 6 Nov 1996 13:59:55 -0600 (CST)
From: TOMSMB@aol.com
Received: by emout11.mail.aol.com (8.6.12/8.6.12) id OAA17348 for
coordinator@cs.tamu.edu; Wed, 6 Nov 1996 14:59:45 -0500
Date: Wed, 6 Nov 1996 14:59:45 -0500
Message-ID: <961106145944_346135155@emout11.mail.aol.com>
To: coordinator@cs.tamu.edu
Subject: KA1TIH, Re:bandplanning for digital

KA1TIH, et all: Yes, I fully agree that it would be irresponsible to
coordinate anyone to a frequency or emission that would violate FCC rules.
 If that coordinated station were to be cited and suffered some loss they
might seek civil remedies against the coordinators. For instance
coordinating a FM voice repeater output below 444.0 in the same proximity
to
a coordinated ATV repeater input of 439.25. So it is in the interest of
all
concerned that technical solutions be found that can accomodate all modes
if

possible. We could go on and on citing the technical characterisics of an ATV
transmission vs the FCC Rules but the reason those who use 434.0 for ATV
repeaters have not been cited by the FCC for a technical infraction is that
they have been sanctioned by a local area frequency coordinator after showing
that it is good amateur and engineering practice per 97.101(a). What counts
is does ATV on 434.0 interfere with weak signal or satellite users which is
the intent of 97.205(b) - it does not. ATVers here had to prove that using
434.0 as a repeater input would not interfere to the weak signal and
satellite representatives on the SCRRBA Technical Committee before the first
coordination.
I suggest ATV on 434.0 as one solution to the problem and should be
considered when looking at revising a local band plan. It frees up a lot of
spectrum between 438.7 and 450 MHz for other modes and allows ATVers to
continue on with just a frequency change. You may not have all the major
disasters like we have in Calif to demonstrate the need for ATV in the 70cm
band, but there are many RACES and other emergency service organizations that
depend on ATV in the 70cm band for remote damage accessment, crowd control,
etc. ATVers here, and I know in the severe storm portions of the country,
are very involved in emergency service applications that will help quite a
bit when we need to get these organizations help to keep our bands. I think
emergency service will be the only valid weapon we will have when the
government tries to sell off more of our frequencies.

To answer some of your points more specifically:
I have seen ATV described by many bandwidths in many magazines but rarely
with enough description to know what they are really talking about. For
receiving, ATV needs 6 MHz segment just like broadcast since standard TV sets
are used as well as the same sync and sound frequencies. Transmitting is
much more complex when figuring interference potential since the spectrum
power density at any one spot frequency within one sideband is different.
The mean power, as you mention per the FCC definition of bandwidth, for ATV
is between 3 and 10 db down from the peak envelope power (sync tip) depending
on the average picture level (APL) or amount of black to white in the scene.
Most of the power is from the sync (Television Engineering Handbook - 1992 -
Benson - Fig. 5-11 shows the >-40 dBc). This is still more than the required
26 dB down +/- 1 MHz from the video carrier below 433 and above 435. However
the video response bandwidth needs to be the 4.2 MHz eventhough the spectrum
power is very low up to this frequency with probably the same interference
potential at any one spot frequency as the spread spectrum folks talk about.
The sound subcarrier is a spot frequency at 438.5 MHz if using 434.0 for
video carrier, and is therefore above the 438-438 segment.
As far as ID, the intent of 97.119 is to be able to understand the call of
the transmitting station - reading into an ID rule all the broadcast
technical standards of 73.682(a) is really stretching it. If you did it
would eliminate slow scanners. The ATV station can ID using CW or voice on
the sound subcarrier instead if they want to. There is no way an ATV station
could comply with all the technical standards of 73.682(a)... do all have to
be horizontally polarized for example - no vertical. I dont think the FCC is
going to cite some ATVer doing a public event using a vertical omni.

Tom O'Hara, W6ORG

4. Re: KA1TIH, Re:bandplanning for digital

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Wed, 6 Nov 1996 17:48:13 -0500
To: Digital Coordinators <regional_freq@tapr.org>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
KENNETH A PILETIC <kenpiletic@aol.com>

Message-ID: <199611061748_MC1-BBD-BC11@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: Ken Chilton, INTERNET:chilton@emc.com
TO: (unknown), INTERNET:TOMSMB@AOL.COM
CC: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/6/96 4:26 PM

RE: Re: KA1TIH, Re:bandplanning for digital

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
hil-img-6.compuserve.com (8.6.10/5.950515)
        id RAA07896; Wed, 6 Nov 1996 17:22:33 -0500
Received: from emcmail.lss.emc.com (emcmail.lss.emc.com [168.159.48.78]) by
cs.tamu.edu (8.8.2/8.8.2) with ESMTP id QAA02492 for
<coordinator@cs.tamu.edu>; Wed, 6 Nov 1996 16:17:54 -0600 (CST)
Received: from lss1074.lss.emc.com (lss1074.lss.emc.com [168.159.49.74]) by
emcmail.lss.emc.com (8.7.3/8.7.3) with ESMTP id RAA21476; Wed, 6 Nov 1996
17:17:43 -0500 (EST)
Received: (from chilton@localhost) by lss1074.lss.emc.com (8.7.1/8.6.9) id
RAA06143; Wed, 6 Nov 1996 17:17:43 -0500 (EST)
From: Ken Chilton <chilton@emc.com>
Message-Id: <199611062217.RAA06143@lss1074.lss.emc.com>
Subject: Re: KA1TIH, Re:bandplanning for digital
To: TOMSMB@aol.com
Date: Wed, 6 Nov 1996 17:17:42 -0500 (EST)
Cc: coordinator@cs.tamu.edu
In-Reply-To: <961106145944_346135155@emout11.mail.aol.com> from
"TOMSMB@aol.com" at Nov 6, 96 02:59:45 pm
X-Mailer: ELM [version 2.4 PL25]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

In a prior message, TOMSMB@aol.com wrote:
> ... but the reason those who use 434.0 for ATV
> repeaters have not been cited by the FCC for a technical infraction is
that
> they have been sanctioned by a local area frequency coordinator after
showing
> that it is good amateur and engineering practice per 97.101(a).

Say what? You mean its okay if I do not get caught? Is it okay
if my buddy tells me to do it? This is good amateur practice?
I am an engineer and I would consider such operation unethical and
a poor practice. The FCC said NO - what more do you need?

> What counts
> is does ATV on 434.0 interfere with weak signal or satellite users which
is
> the intent of 97.205(b) - it does not. ATVers here had to prove that
using
> 434.0 as a repeater input would not interfere to the weak signal and
> satellite representatives on the SCRRBA Technical Committee before the
first
> coordination.

Prove? How? I would like to see proof - then we can forward it to
the FCC with a petition for a rules change. But the proof of
non-interference alone does not make it legal. At this time S97.205
specifically forbids the use of 435-438 for repeater use (input or
output?), and NTSC ATV referenced to 434.0 WILL use 435-438. I do not
know the intent - just what it says. (But officer, the intention of
the 55 MPH speed limit is to save gasoline - but since my car runs on
propane...)

> ... You may not have all the major disasters like we have in Calif
> to demonstrate the need for ATV in the 70cm band, but there are many
> RACES and other emergency service organizations that depend on ATV
> in the 70cm band for remote damage accessment, crowd control, etc.

Wonderful. In an emergency - have all the 70cm segment you need.
Just do not interfere with other emergency traffic on 70cm and no one
can complain. And here in the northeast, we DO have our share of
disasters. So far, ATV has NOT been shown to add any benefit to
remote damage accessment, crowd control, or relief of life threatening
situations - but we are hopeful that it will someday prove beneficial

to emergency relief. ATV for this use does not need to be on 70cm,
it does not need to be FS, it does not need to be NTSC, and it does
not need to use 434.0. (it doesn't even need to be amateur.)

> I think
> emergency service will be the only valid weapon we will have when the
> government tries to sell off more of our frequencies.

Great. Now how will you defend 432-433? Pioneer compressed video -
or how about a video satellite (NTSC<>PAL?) - now you may have a weapon.
I do not see NTSC ATV as a big seller at this point - but every little
bit helps.

> The mean power, as you mention per the FCC definition of bandwidth, for
ATV
> is between 3 and 10 db down from the peak envelope power (sync tip)
depending
> on the average picture level (APL) or amount of black to white in the
scene.

The EP is more than the level of the sync tip. The EP is the integral
sum of all power emitted. The sync tip is somewhat narrow and the area
under this curve is significant, but it does not constitute all of the
power in the envelope for broadcast quality signals. Here is a
rudimentary calculation (I do not suggest accuracy) to demonstrate
the concept:

```
        Psync     =   30kc * 60db  =  1800 kc.db
        Pvideo    = 3000kc * 20db  = 60000 kc.db  (60db - *40db* = 20db,
                                 of course this is more complex than this)
        Penvelope = Psync + Pvideo = 61800 kc.db  (neglecting audio)
        Pmean     = 61800 kc.db / 3030kc
                                   =    20.4  db  (bandwidth is to the
                                                    -5.6 db point)
```

Although these numbers are not real, you get the idea that the mean
power is more than the sync due to the vast width of the video signal.
The calculation is best done from output power measured by temperature
inclination and subsequent spectrum analysis. You can do your own
calculation with any decent box, a calculator, and a pencil; but I
have found that the FCC 4.2MHz calculation to be quite reasonable for
broadcast quality images. Of course you can cheat and amplify your
sync carrier to make it more significant.....

> There is no way an ATV station
> could comply with all the technical standards of 73.682(a)...

Why not? What is the problem here? First we try to say that we are
technically leading - now we say the 1950's TV industry has us beat!
How can you propose that the amateur community needs to stay behind
the times? If anything is poor engineering practice, it would be to
build and/or operate a transmitter with less than all of the
rudimentary technical standards.

> do all have to
> be horizontally polarized for example - no vertical. I dont think the
FCC is
> going to cite some ATVer doing a public event using a vertical omni.

Yes!! All ATV repeaters in the NESMC 70cm band MUST be horizontally
polarized to be coordinated. The FCC is too nice sometimes.... well
maybe not. This 434.0 restriction is indeed unfortunate, but it is
there.

NESMC bandplan uses 433-435 for low-power experimental and aux-link
purposes. So far it has worked out very well. There are no digital
operations in this segment.

BTW, this may be getting too long for the remailer. If noone on the
remailer objects, we could take this off the remailer - I think we
covered the coordination aspects.

73 de KA1TIH

5. Re: ATV on 420-450

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Thu, 7 Nov 1996 14:17:13 -0500
To: Digital Coordinators <regional_freq@tapr.org>

Cc: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
        KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199611071420_MC1-BC5-A78A@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "Christopher W. Boone", INTERNET:cboone@earthlink.net
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/7/96 8:34 AM

RE: Re: ATV on 420-450

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
dub-img-2.compuserve.com (8.6.10/5.950515)
        id JAA23922; Thu, 7 Nov 1996 09:28:20 -0500
Received: from germany.it.earthlink.net (germany-c.it.earthlink.net
[204.250.46.123]) by cs.tamu.edu (8.8.2/8.8.2) with ESMTP id IAA25049 for
<coordinator@cs.tamu.edu>; Thu, 7 Nov 1996 08:26:26 -0600 (CST)
Received: from LOCALNAME (Cust50.Max12.Dallas.TX.MS.UU.NET
[153.35.181.178]) by germany.it.earthlink.net (8.7.5/8.7.3) with SMTP id
GAA27944 for <coordinator@cs.tamu.edu>; Thu, 7 Nov 1996 06:26:41 -0800
(PST)
Message-ID: <3281F167.63D0@earthlink.net>
Date: Thu, 07 Nov 1996 08:25:43 -0600
From: "Christopher W. Boone" <cboone@earthlink.net>
Organization: Engineering - ABC Radio Network - Dallas
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: coordinator@cs.tamu.edu
Subject: Re: ATV on 420-450
References: <2.2.16.19961107073655.37074466@ais.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael G. McCarthy wrote:
>
> Gentlemen, (and ladies)
>
> Illinois, along with MACC member coordinators, no longer coordinate ATV
> repeaters below 450 Mhz. MACC voted in 1995 at its annual meeting in
Dayton
> to stop coordinating new ATV repeaters and to sunset all existing ATV
> coordinations in effect at time on January 1, 2000. Illinois, as a member
of
> MACC is following that decision.

Ahh excuse me, BUT didnt MACC recind that vote later after the firestorm
that it caused and now ENCOURAGES ATV system to find alternate
freqs?....(Whit, any comments???)
This was all carried by Newsline and I seem to recall the vote being
overridden later....if true, did anyone
bother to tell Illinois?

> Further, I wholeheartedly agree that the discussion should be continued
on
> the remailer, absent flaming of course. This topic exemplifies the
purpose
> of the list-server. AMEN FOG, et al.

Agree 100%!!!

> TTFN and :)
>
> 73, de N9EAO
>
> Michael G. McCarthy

73
Chris
WB5ITT

6. Re: KA1TIH, Re:bandplanning for digital

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Thu, 7 Nov 1996 14:17:43 -0500
To: Digital Coordinators <regional_freq@tapr.org>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,

Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199611071421_MC1-BC5-A790@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "Christopher W. Boone", INTERNET:cboone@earthlink.net
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/6/96 7:38 PM

RE: Re: KA1TIH, Re:bandplanning for digital

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
dub-img-2.compuserve.com (8.6.10/5.950515)
id UAA06001; Wed, 6 Nov 1996 20:26:22 -0500
Received: from andorra.it.earthlink.net (andorra-c.it.earthlink.net
[204.119.177.97]) by cs.tamu.edu (8.8.2/8.8.2) with ESMTP id TAA10152 for
<coordinator@cs.tamu.edu>; Wed, 6 Nov 1996 19:24:45 -0600 (CST)
Received: from LOCALNAME (Cust86.Max9.Irving.TX.MS.UU.NET [153.34.24.86])
by andorra.it.earthlink.net (8.7.5/8.7.3) with SMTP id RAA25908 for
<coordinator@cs.tamu.edu>; Wed, 6 Nov 1996 17:25:00 -0800 (PST)
Message-ID: <32813A52.59CF@earthlink.net>
Date: Wed, 06 Nov 1996 19:24:34 -0600
From: "Christopher W. Boone" <cboone@earthlink.net>
Organization: Engineering - ABC Radio Network - Dallas
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: coordinator@cs.tamu.edu
Subject: Re: KA1TIH, Re:bandplanning for digital
References: <961106145944_346135155@emout11.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

TOMSMB@aol.com wrote:
> If that coordinated station were to be cited and suffered some loss they
> might seek civil remedies against the coordinators. For instance
> coordinating a FM voice repeater output below 444.0 in the same proximity
to
> a coordinated ATV repeater input of 439.25.

Got news for ya Tom and the rest of the list (and YOU knew this
already...so why did you
state it as a "for instance"?) Thats been happening in Louisiana for 3-4
YEARS now
thanks to ONE ham who refuses to even TRY a technical solution and wants
ALL FM below
444.0 to go away (yeah right!! Dream on)...He refused a horizontal slot
antenna to be
GIVEN to him by another ATV group in Texas he USED to be friends
with....with an
attitude like that, I hope he really enjoys trying to track down all the
offshore stuff
when it reappears in the 430 Mhz range and chews his input to
pieces...(thanks to the
FCC licensing the guys on 439.2 with a 10 Mhz P9 emmission!)

> So it is in the interest of all concerned that technical
> solutions be found that can accomodate all modes if possible.

Nice idea but when egos get involved and one person refuses to budge on a
TECHNICAL
matter, what other recourse is there?? Hope the guy goes away? (he wont),
hope his money
dries up? (another ham who was bankrolling him croaked but that hasnt
stopped the
lawsuit)....I see only one solution...a TECHNICAL one...he refuses and
sues....and now
its in court costing time and money..go figure and even two local TV
engineers tried to
argue that horizontal wont fix the problem....by using a HT with a rubber
duck
listening to a FM rptr as an example...like thats a goooooood reference
dipole or a true
operational test!

> There is no way an ATV station
> could comply with all the technical standards of 73.682(a)... do all have
to

> be horizontally polarized for example - no vertical. I dont think the
FCC is
> going to cite some ATVer doing a public event using a vertical omni.

I think what we are seeing (since HDTV is coming in the BC world in the
next 10 years or
less) is the push to FM TV in the 900 or 1.2Ghz bands...
FM TV on TX uses less power, cleaner picture, less interference problems
and if you want
to use UHF AM, then I have no problems with a 421.25 Mhz channel
HORIZONTALLY polarized
for rptr outputs and using 900 or 1.2 Ghz inputs in a crossband manner...if
they wish to
use 439.25, it is unprotected (Louisiana is going this way and I think
Texas is leaning
in that direction also....) 439.25 Mhz as a rptr input is an old and soon
to be dead
issue...the band is getting way too crowded to allow one rptr to chew up 12
Mhz of
spectum in the 30 Mhz band (ooopss! Almost forgot...those within 75Miles of
the Canadian
border dont have 30 Mhz...they only have 20 Mhz! Hmmm that IS a
problem.....but Im sure
someone like the guy in state of LA will still DEMAND he be allowed his
inband ATV
rptr...Horizontal on ATV rptrs though? YES it IS a solution and a lot of
coordinating
bodies are requiring it...and SHOULD!

AHHH if only we were all logical like Vulcans.....(wouldnt be any fun but
we WOULD get a
lot done! :)

> Tom O'Hara, W6ORG

73
Chris
WB5ITT

Network Engineer - ABC Radio Networks, Dallas

7. Re: bandplanning for digital

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Thu, 7 Nov 1996 14:17:49 -0500
To: Digital Coordinators <regional_freq@tapr.org>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
        KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199611071421_MC1-BC5-A791@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: Doug Reed, INTERNET:dreed@citilink.com
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/6/96 9:57 PM

RE: Re: bandplanning for digital

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
dub-img-2.compuserve.com (8.6.10/5.950515)
        id WAA00592; Wed, 6 Nov 1996 22:56:12 -0500
Received: from homebase.citilink.com (root@homebase.citilink.com
[206.11.208.3]) by cs.tamu.edu (8.8.2/8.8.2) with ESMTP id VAA13914 for
<coordinator@cs.tamu.edu>; Wed, 6 Nov 1996 21:52:58 -0600 (CST)
Received: from ppp44.citilink.com (ppp44.citilink.com [206.11.210.73]) by
homebase.citilink.com (8.8.2/8.7.5) with SMTP id VAA07149 for
<coordinator@cs.tamu.edu>; Wed, 6 Nov 1996 21:53:13 -0600 (CST)
Date: Wed, 6 Nov 1996 21:53:13 -0600 (CST)
Posted-Date: Wed, 6 Nov 1996 21:53:13 -0600 (CST)
Message-Id: <199611070353.VAA07149@homebase.citilink.com>
X-Sender: dreed@mail.citilink.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: coordinator@cs.tamu.edu
From: dreed@citilink.com (Doug Reed)
Subject: Re: bandplanning for digital

Yes, please keep the discussion on the remailer. There may be a few areas
of the country that have solved their ATV/FM repeater problems, there are
probably more that haven't had any trouble yet, but Minnesota has been
wrestling with the problem for over five years. Overall, very little has
been accomplished, but we are still talking with each other and are slowly
trying to find a way around the problem.

The current status is that we have one ATV repeater using the classic
439.250 input and 421.250 output in downtown Minneapolis. Naturally, this
puts it in the middle of the heaviest population concentration in the
state,
because this is where the most people are who want to use ATV. The
repeater
was coordinated around 10 years ago by a previous coordinator and we don't
think he gave much thought to the technical parameters of ATV. Basically
he
coordinated it as if it only needed a single 15 KHz channel like FM.
Things
were fine until the 444 MHz pairs filled up and people started coordinating
new repeaters below 444. That's when the ATV repeater started getting
interference from the new FM repeater outputs. As a bandaid, we have put
guard bands around the ATV color burst and sound carrier frequencies but
that doesn't help the video interference.

Current MRC policy is that we will not coordinate any new ATV repeaters
that
use 439.250 MHz for input. Crossband outputs on 421.250 are OK. Nobody
has
asked yet about using 439.250 for output but that would probably be
acceptable too. Naturally, if someone wants to coordinate a crossband ATV
repeater and decides to use 439.250 as an uncoordinated (i.e. unprotected)
input, we probably wouldn't care. (Again, the question hasn't been asked.)

Among the solutions suggested were:

Take the FM repeaters off the air.
Take the ATV repeater off the air.
Live with the interference.
Add filters to trap out the interference.
Invert the FM repeaters, low in, high out.
Invert the ATV input, use 439.250 LSB rather than USB.
Use 434 MHz input.
Protect 439 input for five more years then remove coordination protection.
Forget 439, use 910 or 1256 MHz for inputs.
Quiet hours for FM repeaters.
Quiet hours for ATV repeaters.

As you might guess, the FM types want the ATV types to change and ATV wants
FM to change. None of the "solutions" are perfect, most are lousy or
impossible. To me, inverting the ATV input seems the slickest but many or
most of the local ATV group use transmitters that filter the LSB. We're
still working on it.

A question for Tom W6ORG.

Do you know whether or not it is possible to retune an International
Crystal
interdigital filter away from its original frequency? The ATV group
indicated it was impossible to retune their existing filter for either 439
LSB or 434 input and they would have to buy a new filter. From my limited
experiance I would have expected no trouble at all moving such a limited
distance assuming the filter adjustments are not soldered down at the
factory. Perhaps you have had some experiance?

Thanks for the information and keep the discussion going.

Doug Reed, N0NAS Minnesota Repeater Council Secretary
St Paul, MN email: n0nas@amsat.org

8. Re: KA1TIH, Re:bandplanning for digital

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Thu, 7 Nov 1996 14:17:38 -0500
To: Digital Coordinators <regional_freq@tapr.org>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
        KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199611071420_MC1-BC5-A78F@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "Christopher W. Boone", INTERNET:cboone@earthlink.net
TO: Ken Chilton, INTERNET:CHILTON@EMC.COM
CC: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/6/96 7:14 PM

RE: Re: KA1TIH, Re:bandplanning for digital

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
dub-img-2.compuserve.com (8.6.10/5.950515)
        id UAA03054; Wed, 6 Nov 1996 20:07:59 -0500
Received: from andorra.it.earthlink.net (andorra-c.it.earthlink.net
[204.119.177.97]) by cs.tamu.edu (8.8.2/8.8.2) with ESMTP id TAA09724 for
<coordinator@cs.tamu.edu>; Wed, 6 Nov 1996 19:06:15 -0600 (CST)
Received: from LOCALNAME (Cust86.Max9.Irving.TX.MS.UU.NET [153.34.24.86])
by andorra.it.earthlink.net (8.7.5/8.7.3) with SMTP id RAA23672; Wed, 6 Nov
1996 17:06:15 -0800 (PST)
Message-ID: <328135EB.1AF2@earthlink.net>
Date: Wed, 06 Nov 1996 19:05:47 -0600
From: "Christopher W. Boone" <cboone@earthlink.net>
Organization: Engineering - ABC Radio Network - Dallas
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: Ken Chilton <chilton@emc.com>
CC: coordinator@cs.tamu.edu
Subject: Re: KA1TIH, Re:bandplanning for digital
References: <199611062217.RAA06143@lss1074.lss.emc.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ken Chilton wrote:
>
> In a prior message, TOMSMB@aol.com wrote:
> > ... but the reason those who use 434.0 for ATV
> > repeaters have not been cited by the FCC for a technical infraction is
that
> > they have been sanctioned by a local area frequency coordinator after
showing
> > that it is good amateur and engineering practice per 97.101(a).
>
> Say what? You mean its okay if I do not get caught? Is it okay
> if my buddy tells me to do it? This is good amateur practice?
> I am an engineer and I would consider such operation unethical and
> a poor practice. The FCC said NO - what more do you need?

Gee, does this mean if a rptr coordinating committee says you CAN use 145.5
-146.0 for
FM rptrs, then the FCC WONT bother you??? <grin> Hmmmm, opens up a whole
new can of
worms!
> > What counts
> > is does ATV on 434.0 interfere with weak signal or satellite users
which is
> > the intent of 97.205(b) - it does not. ATVers here had to prove that
using
> > 434.0 as a repeater input would not interfere to the weak signal and
> > satellite representatives on the SCRRBA Technical Committee before the
first
> > coordination.

Intent of the law and violation of TWO seperate issues here, Tom....If the
rule is bad,
then lets change it...Im all for that....but VIOLATING Part 97 outright
makes it no
better than the boys on 27Mhz and their "wall to wall and tree top tall"
linears!!
>
> Prove? How? I would like to see proof - then we can forward it to
> the FCC with a petition for a rules change. But the proof of
> non-interference alone does not make it legal. At this time S97.205
> specifically forbids the use of 435-438 for repeater use (input or
> output?),^^^^^^^^^^
BOTH in every case..

> and NTSC ATV referenced to 434.0 WILL use 435-438. I do not
> know the intent - just what it says. (But officer, the intention of
> the 55 MPH speed limit is to save gasoline - but since my car runs on

> propane...)

I got some hot replies to my article in the FM/RPT column of QST back in
1994
when I stated the rules of rptr bandwidth and mentioned a certain ATV rptr
may be
in violation (notice the word MAY? The ARRL did not want me to use the word
WOULD
and I agreed to soften it) of Part 97 when using a 427.25 Mhz out with
audio at
standard 4.5Mhz offset (431.75Mhz which of course falls in the weak signal
431-433 Mhz
offlimits area). The rules ARE the rules...the TX VHF FM Society has in the
past
decoordinated rptrs for using 434.0 Mhz as an input because it violates
Part 97
(just like a FM rptr output on say 420.005Mhz would because its sidebands
would fall
OUTSIDE the amateur band) and Louisiana will not coordinate 434.0 Mhz also
as an input
or output.
Simplex, heck yes....its legal....but not for rptr service.
>
> > There is no way an ATV station
> > could comply with all the technical standards of 73.682(a)...
>
> Why not? What is the problem here? First we try to say that we are
> technically leading - now we say the 1950's TV industry has us beat!
> How can you propose that the amateur community needs to stay behind
> the times? If anything is poor engineering practice, it would be to
> build and/or operate a transmitter with less than all of the
> rudimentary technical standards.

I have to agree with Ken here....I think an ATV station with proper tuning
and equipment
CAN meet most of Part 73....(the days of simple Modulated Oscillators have
been long
gone folks). VSB filters are NOT expensive and can be made if you take the
time..
if you go cheap, you get cheap...but ATV IS a SPECIALIZED mode...not
everyone and their
kid brother will use it...(and how many HAMS nowadays can adjust a TRUE
linear amp or an
AM TX modulator...much less one that puts out MAX power with MIN modulation
and has a
4-6 Mhz video component???)

> > do all have to
> > be horizontally polarized for example - no vertical. I dont think the
FCC is
> > going to cite some ATVer doing a public event using a vertical omni.
>
> Yes!! All ATV repeaters in the NESMC 70cm band MUST be horizontally
> polarized to be coordinated. The FCC is too nice sometimes.... well
> maybe not. This 434.0 restriction is indeed unfortunate, but it is
> there.

LA Council of AR Club coordination standards call for ALL ATV rptrs in the
420-450 band
to go horizontal by Dec 1997 (Is that right Roger/Rick? I think I got the
date righr).
Test made and DOCUMENTED on Video tape PROVE that the crosspolarization (of
20+ db) can
make a BIG difference...(also read my article in QST FM/RPT column back in
early 1994)
Horizontal antennas can be easily made and commercial ones CAN be
modified...(though if
you ASK someone like DB Products, they may give you a misleading answer...I
had to call
the Chief of Egr at DB to correct a letter sent to a group in Louisiana who
inquired and
was told "No you cant do that".....the REAL answer is: "We (DB) donot
support a simple
twist of the mounts...some people have done that....YES it CAN be done IF
you redo the
mounts of the elements properly...but they didnt ask us that!"

> 73 de KA1TIH

73
Chris
WB5ITT

Engineer - ABC Radio Networks, Dallas
Director, Louisiana Council of AR Clubs

9. Re: bandplanning for digital

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Thu, 7 Nov 1996 14:17:19 -0500
To: Digital Coordinators <regional_freq@tapr.org>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199611071758_MC1-BC5-A78B@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "Christopher W. Boone", INTERNET:cboone@earthlink.net
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/7/96 8:19 AM

RE: Re: bandplanning for digital

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
dub-img-2.compuserve.com (8.6.10/5.950515)
id JAA21469; Thu, 7 Nov 1996 09:17:46 -0500
Received: from germany.it.earthlink.net (germany-c.it.earthlink.net
[204.250.46.123]) by cs.tamu.edu (8.8.2/8.8.2) with ESMTP id IAA24653 for
<coordinator@cs.tamu.edu>; Thu, 7 Nov 1996 08:16:09 -0600 (CST)
Received: from LOCALNAME (Cust50.Max12.Dallas.TX.MS.UU.NET
[153.35.181.178]) by germany.it.earthlink.net (8.7.5/8.7.3) with SMTP id
GAA27237 for <coordinator@cs.tamu.edu>; Thu, 7 Nov 1996 06:16:22 -0800
(PST)
Message-ID: <3281EEFC.7AD2@earthlink.net>
Date: Thu, 07 Nov 1996 08:15:24 -0600
From: "Christopher W. Boone" <cboone@earthlink.net>
Organization: Engineering - ABC Radio Network - Dallas
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: coordinator@cs.tamu.edu
Subject: Re: bandplanning for digital
References: <199611070353.VAA07149@homebase.citilink.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug Reed wrote:

> The current status is that we have one ATV repeater using the classic
> 439.250 input and 421.250 output in downtown Minneapolis.

AHhh excuse my ignorance, BUT is Minneapolis less than 75 miles from the
US-
Canadian border??? If so, I thought the loss of 420-430 in Canada would
affect this.....

> Naturally, this
> puts it in the middle of the heaviest population concentration in the
state,
> because this is where the most people are who want to use ATV. The
repeater
> was coordinated around 10 years ago by a previous coordinator and we
don't
> think he gave much thought to the technical parameters of ATV. Basically
he
> coordinated it as if it only needed a single 15 KHz channel like FM.
Things
> were fine until the 444 MHz pairs filled up and people started
coordinating
> new repeaters below 444. That's when the ATV repeater started getting
> interference from the new FM repeater outputs. As a bandaid, we have put
> guard bands around the ATV color burst and sound carrier frequencies but
> that doesn't help the video interference.
>
> Current MRC policy is that we will not coordinate any new ATV repeaters
that
> use 439.250 MHz for input. Crossband outputs on 421.250 are OK. Nobody

has
> asked yet about using 439.250 for output but that would probably be
> acceptable too. Naturally, if someone wants to coordinate a crossband
ATV
> repeater and decides to use 439.250 as an uncoordinated (i.e.
unprotected)
> input, we probably wouldn't care. (Again, the question hasn't been
asked.)
>
> Among the solutions suggested were:
>
> Take the FM repeaters off the air.Kinda hard to do...
> Take the ATV repeater off the air.
> Live with the interference.Even harder to do...
> Add filters to trap out the interference.Can be done....
> Invert the FM repeaters, low in, high out.OHHH Bad choice considering the
surrounding states will hate you for that!
> Invert the ATV input, use 439.250 LSB rather than USB.
> Use 434 MHz input.The two above cant be done legally under Part
97...using 435-438 Mhz as a rptr
input range for ATV is a nono...ALL emissions must fall within the subband
in use.
435-438 cannot be used for rptr in/out freqs...so a 439.25 Input is stuck
with
using the carrier and UVSB channel input to stay legal...same goes for 434
Mhz.
> Protect 439 input for five more years then remove coordination
protection.
> Forget 439, use 910 or 1256 MHz for inputs.The above two points is what
Louisiana is going to...439.25 will not be a
protected input in the near future (current coordinated systems included)
and the use of crossband is being encouraged.....allows the user to see
themselves
and THAT is a big selling point of fullduplex ATV

> Quiet hours for FM repeaters.
> Quiet hours for ATV repeaters.Good luck on that!

> As you might guess, the FM types want the ATV types to change and ATV
wants
> FM to change. None of the "solutions" are perfect, most are lousy or
> impossible. To me, inverting the ATV input seems the slickest but many
or
> most of the local ATV group use transmitters that filter the LSB. We're
> still working on it.
>
> A question for Tom W6ORG.
>
> Do you know whether or not it is possible to retune an International
Crystal
> interdigital filter away from its original frequency? The ATV group
> indicated it was impossible to retune their existing filter for either
439
> LSB or 434 input and they would have to buy a new filter. From my
limited
> experiance I would have expected no trouble at all moving such a limited
> distance assuming the filter adjustments are not soldered down at the
> factory. Perhaps you have had some experiance?

An Interdigital filter is no different from any other filter in one
respect...
it CAN be retuned.....use of a spectrum analyzer with a tracking generator
is
HIGHLY recommended! (IFR 1200S or 7550/8000 or equiv)...They seem to be
using that
as an excuse not to move....OR they are ignorant of the fact that the
filter can be
retuned (unless the ICM filter has sealed tuning ports or was built fixed
freq
using lathes etc to do the job.....eeewwwhh!!!! I havent had experience
with the
ICM VSB filter...the MM version can be retuned)
>
> Thanks for the information and keep the discussion going.
>
> Doug Reed, N0NAS   Minnesota Repeater Council Secretary
> St Paul, MN   email: n0nas@amsat.org

73

Chris
WB5ITT

Director-LA Council of AR Clubs
part owner of KE5O ATV rptr 439.25/421.25 Beaumont, TX

10. ATV on 420-450

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Thu, 7 Nov 1996 14:17:23 -0500
To: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
Digital Coordinators <regional_freq@tapr.org>,
Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199611071758_MC1-BC5-A78C@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "Michael G. McCarthy", INTERNET:mikem@mre.com
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/7/96 7:53 AM

RE: ATV on 420-450

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
dub-img-2.compuserve.com (8.6.10/5.950515)
id IAA11578; Thu, 7 Nov 1996 08:33:01 -0500
Received: from eagle.ais.net (root@eagle.ais.net [199.0.154.5]) by
cs.tamu.edu (8.8.2/8.8.2) with ESMTP id HAA23614 for
<coordinator@cs.tamu.edu>; Thu, 7 Nov 1996 07:31:01 -0600 (CST)
Received: from LOCALNAME (ts21-01.dialup.ais.net [206.225.198.2]) by
eagle.ais.net (8.8.2/AIS) with SMTP id HAA12771 for
<coordinator@cs.tamu.edu>; Thu, 7 Nov 1996 07:31:19 -0600 (CST)
Date: Thu, 7 Nov 1996 07:31:19 -0600 (CST)
Message-Id: <2.2.16.19961107073655.37074466@ais.net>
X-Sender: mre@ais.net
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: coordinator@cs.tamu.edu
From: "Michael G. McCarthy" <mikem@mre.com>
Subject: ATV on 420-450

Gentlemen, (and ladies)

Illinois, along with MACC member coordinators, no longer coordinate ATV
repeaters below 450 Mhz. MACC voted in 1995 at its annual meeting in
Dayton
to stop coordinating new ATV repeaters and to sunset all existing ATV
coordinations in effect at time on January 1, 2000. Illinois, as a member
of
MACC is following that decision. The discussion preceeding that vote was
spirited, but mindful of the responsibility to most effectively use the
spectrum we are utilizing and coordinating. The real bottom line is the
vast
majority of amatuers believe ATV is a spectrum hog at 6 MHz bandwidth
(Aural
subcarrier included) or 4.2 without aural subcarrier.

1 MHz could (does in commercial operations) support upto 80
Repeaters (12.5 khz spacing) which translates into more than 300 repeaters
in 4.2 Mhz of spectrum. 12.5 Khz spacing does require reduction in
deviation and increased 1st adjacent spacing to 20 or more miles for
"interference free reception", but alas real transmissions in either analog
or digital none the less. Illinois has not adopted 12.5 Khz spacing, and
has
no plans to do so in the foreseeable future. (Read-membership driven
directive to reduce spacing) But, even at the statndard 25 Khz spacing, 4.2
Mhz is the entire primary repeater sub-band in Illinois (120
channels-442.0-445.0) and 1.2 Mhz of that is some of the allocation for
links for analog and digital operations above and below the sub-band. Thats
a whole bushel of systems, esepcially in the Chicago area where co-channel
spacing for 440 systems is below 90 miles on average.

As the IRA has an official position on ATV coordination below 450 Mhz,
those
are my comments on the matter.

I personally agree that FM video is better than AM. A couple friends of
mine
build 900 Mhz ATV transmitters commercially and they provide better S/N,
dynamic range, and noise imunity than AM. That still doesn't quell the
issue
of ATV below 450 however.

Further, I wholeheartedly agree that the discussion should be continued on
the remailer, absent flaming of course. This topic exemplifies the purpose
of the list-server. AMEN FOG, et al.

TTFN and :)

73, de N9EAO

Michael G. McCarthy
Technical Committee Chairman
Illinois Repeater Association

"Sucess can be defined by a simple piece of rope:
You can climb it or be hung by it."

11. Re: KA1TIH, Re:bandplanning for digital

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Thu, 7 Nov 1996 14:17:29 -0500
To: Digital Coordinators <regional_freq@tapr.org>
Cc: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199611071759_MC1-BC5-A78D@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: Joe McElhaney, INTERNET:mch@diamond.nb.net
TO: Coordinators Re-mailer, INTERNET:COORDINATOR@CS.TAMU.EDU
CC: MCH, INTERNET:MCH@DIAMOND.NB.NET
DATE: 11/6/96 10:46 PM

RE: Re: KA1TIH, Re:bandplanning for digital

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
dub-img-2.compuserve.com (8.6.10/5.950515)
id XAA06327; Wed, 6 Nov 1996 23:41:50 -0500
Received: from nb.net ([204.255.176.26]) by cs.tamu.edu (8.8.2/8.8.2) with
SMTP id WAA14821 for <coordinator@cs.tamu.edu>; Wed, 6 Nov 1996 22:28:42
-0600 (CST)
Received: from nb.net.204.255.176.21 by nb.net (SMI-8.6/SMI-SVR4)
id XAA01407; Wed, 6 Nov 1996 23:20:40 -0500
Message-ID: <32820BFF.6A2F@nb.net>
Date: Thu, 07 Nov 1996 11:21:26 -0500
From: Joe McElhaney <mch@diamond.nb.net>
Reply-To: mch@diamond.nb.net
Organization: MCH / WPRC / KR3P
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: Coordinators Re-mailer <coordinator@cs.tamu.edu>
CC: MCH <mch@diamond.nb.net>
Subject: Re: KA1TIH, Re:bandplanning for digital
References: <199611062217.RAA06143@lss1074.lss.emc.com>
<328135EB.1AF2@earthlink.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Christopher W. Boone wrote:
>
> Ken Chilton wrote:
> >
> > In a prior message, TOMSMB@aol.com wrote:
> > > ... but the reason those who use 434.0 for ATV
> > > repeaters have not been cited by the FCC for a technical infraction
is that
> > > they have been sanctioned by a local area frequency coordinator after
showing
> > > that it is good amateur and engineering practice per 97.101(a).
> >
> > Say what? You mean its okay if I do not get caught? Is it okay

> > if my buddy tells me to do it? This is good amateur practice?
> > I am an engineer and I would consider such operation unethical and
> > a poor practice. The FCC said NO - what more do you need?
>
> Gee, does this mean if a rptr coordinating committee says you CAN use
145.5 -146.0 for
> FM rptrs, then the FCC WONT bother you??? <grin> Hmmmm, opens up a whole
new can of
> worms!
--------------------SNIP-----------------
In Western Pennsylvania, we have a number of auxilliary and control
links in the band 433-435. ATV on 434.0 may not interfere with them, but
I certainly would NOT want to coordinate some ATV operator co-channel
with them! Refer to the 440-444segment for an appropriate example of
this 'co-existance' of Fm & ATV.

        What happens when this 439 MHz ATV repeater owner decides he now
wants
an in-band two-meter pair? Will Part 97 regulations apply then? IF he
can prove that his operations will not interfere with users on 138-144
MHz, will (the group who coordinates 434.000 MHz) coordinate him there?
And does that mean that the FCC will not cite him? If you want to see an
FCC mandated NATIONAL COORDINATOR for AMATEUR RADIO, just keep
sanctioning violations of part 97 like coordinating repeaters within the
band 433-435 MHz. I think the Commission is just waiting to see that
bargaining chip. 'We took those frequencies away because you didn't use
them legally anyway'

        With respect to TMARC's ideas of modifying the existing bandplans
for
digital modes, and with particular emphasis on 144.300 - 144.500 MHz, I
submit that you should let the NFCC do what they have been created to do
- COORDINATE our bandplans on a NATIONAL LEVEL instead of creating many
small bandplans throughout the US which may not be compatable!

        ISN'T THIS IRONIC... THE COORDINATORS DON'T WANT TO LISTEN TO THEIR
COORDINATING COUNCIL! Can we use the term UNCOORDINATED BANDPLANS NOW IN
ADDITION TO UNCOORDINATED REPEATERS?

        IN OTHER WORDS... LET'S WORK TOGETHER ON ONE BAND PLAN FOR THE
ENTIRE
US so this whole topic of what is and what is not acceptable is based
upon ONE SET OF RULES!

Respectfully submitted for your approval,
Joe McElhaney, KR3P - FC Western Pennsylvania

12. TAPR's Spread Spectrum Special Temporary Authorization is Granted

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Mon, 11 Nov 1996 18:50:14 -0500
To: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
        Digital Coordinators <regional_freq@tapr.org>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
        KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199611111851_MC1-BEC-8556@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: Nels Harvey, INTERNET:nhar@execpc.com
TO: Coordinator's Remailer, INTERNET:COORDINATOR@CS.TAMU.EDU
CC: (unknown), INTERNET:KEVIN.JESSUP@MAIL.MEI.COM
DATE: 11/10/96 10:45 AM

RE: TAPR's Spread Spectrum Special Temporary Authorization is Granted

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
hil-img-6.compuserve.com (8.6.10/5.950515)
        id LAA20206; Sun, 10 Nov 1996 11:36:48 -0500
Received: from mailgate.execpc.com (root@mailgate.execpc.com
[169.207.16.5]) by cs.tamu.edu (8.8.2/8.8.2) with ESMTP id KAA08022 for
<coordinator@cs.tamu.edu>; Sun, 10 Nov 1996 10:35:07 -0600 (CST)
Received: from mail.execpc.com (mail [169.207.16.2]) by mailgate.execpc.com
(8.7.6/8.7.5) with ESMTP id KAA05218; Sun, 10 Nov 1996 10:35:57 -0600
Received: from backslash.execpc.com (backslash.execpc.com [169.207.9.192])
by mail.execpc.com (8.7.6/8.7.6) with SMTP id KAA04715; Sun, 10 Nov 1996
10:35:16 -0600 (CST)
Date: Sun, 10 Nov 1996 10:35:16 -0600 (CST)

Message-Id: <199611101635.KAA04715@mail.execpc.com>
X-Sender: nhar@mail.execpc.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: coordinator@cs.tamu.edu
From: nhar@execpc.com (Nels Harvey)
Subject: TAPR's Spread Spectrum Special Temporary Authorization is Granted
Cc: kevin.jessup@mail.mei.com

I thought this might be interesting!
Thanks, Kevin.

73, Nels....

>Return-Path: kevin.jessup@mail.mei.com
>Date: Sat, 09 Nov 1996 07:13:08 -0600
>From: Kevin Jessup <kevin.jessup@mail.mei.com>
>Subject: TAPR's Spread Spectrum Special Temporary Authorization is Granted
>
>FYI, Looks like TAPR got it's STA.
>
>
>
>TAPR's Spread Spectrum Special Temporary Authorization is Granted
>November 8th, 1996
>------------
>
>The FCC has granted a Special Temporary Authorization (STA) to Greg Jones,
>WD5IVD, and Dewayne Hendricks, WA8DZP, on behalf of TAPR (Tucson Amateur
>Packet Radio, Corp), regarding spread spectrum communications. On April
>10th, 1996, TAPR requested a waiver of the rules and regulations governing
>Amateur Radio spread spectrum communications in order to conduct an
>experimental program to test spread spectrum emissions over amateur radio
>facilities on different bands.
>
>Full details on the TAPR spread spectrum STA are available on its web page
><http://www.tapr.org> under the Spread Spectrum area.
>

Nels Harvey, WA9JOB   Chairman, Wisconsin Association of Repeaters
Home (414) 241-3769   Vice President, Mid-America Coordination
Council
2104 W. County Line Rd.   Packet WA9JOB @ N9PBY.EN63BI.WI.US.NA
Mequon, WI 53092-5616
               Greetings from the 'Jolly Ole Bootlegger'

13. FW: ARLB080 New 2.3 GHz service

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Fri, 15 Nov 1996 15:04:39 -0500
To: BARS <bars@cs.wisc.edu>, Digital Coordinators <regional_freq@tapr.org>
Message-ID: <199611151504_MC1-BF7-8FE5@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: INTERNET:frenaye@pcnet.com, INTERNET:frenaye@pcnet.com
TO: Coordinator list, INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/14/96 9:11 PM

RE: FW: ARLB080 New 2.3 GHz service

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
arl-img-3.compuserve.com (8.6.10/5.950515)
        id VAA16920; Thu, 14 Nov 1996 21:50:13 -0500
Received: from pcnet1.pcnet.com (root@pcnet1.pcnet.com [204.213.232.3]) by
cs.tamu.edu (8.8.2/8.8.2) with SMTP id UAA00775 for
<coordinator@cs.tamu.edu>; Thu, 14 Nov 1996 20:47:19 -0600 (CST)
From: frenaye@pcnet.com
Received: from K1KI.pcnet.com (ts3-pt16.pcnet.com) by pcnet1.pcnet.com
(4.1/SMI-4.1)
        id AA18667; Thu, 14 Nov 96 21:42:30 EST
Date: Fri, 15 Nov 96 02:50:54 PST
Subject: FW: ARLB080 New 2.3 GHz service
To: Coordinator list <coordinator@cs.tamu.edu>
X-Priority: 3 (Normal)
X-Mailer: Chameleon 4.6, TCP/IP for Windows, NetManage Inc.

Message-Id: <Chameleon.961115025135.frenaye@K1KI.pcnet.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

--- On Thu, 14 Nov 1996 18:52:19 EST w1aw@arrl.org wrote:

SB QST @ ARL $ARLB080
ARLB080 New 2.3 GHz service

ZCZC AG60
QST de W1AW
ARRL Bulletin 80 ARLB080
>From ARRL Headquarters
Newington CT November 14, 1996
To all radio amateurs

SB QST ARL ARLB080
ARLB080 New 2.3 GHz service

The FCC has proposed to create a new Wireless Communications Service
(WCS) in the 2305-2320 and 2345-2360 MHz bands and to award licenses
on the basis of competitive bidding. The bands include a 5 MHz
segment that Amateur Radio shares with government services between
2305 and 2310 MHz. Just before it adjourned, the 104th Congress
approved a provision as part of the much-larger appropriations bill
that directed the FCC to put the 30 MHz of spectrum in the 2.3 GHz
region up for competitive bidding to help balance the budget. It's
believed to be the first time the Congress has ordered the
reallocation of specific frequencies.

The National Telecommunications and Information Administration
(NTIA) had identified for reallocation the amateur segments
2300-2310 MHz and 2390-2400 MHz in May 1994, so reallocation of part
of that subband came as no surprise. At its special session in
October, the ARRL Board of Directors approved a proposal to seek an
increase in the amateur service allocation status, from secondary to
primary, in the 2300-2305 MHz segment.

The FCC says the new WCS service would allow licensees to provide
any fixed, mobile or radiolocation service, or satellite Digital
Audio Radio Services (satellite DARS), consistent with the
international frequency allocations for these bands. The Commission
also proposed to adopt no restrictions on eligibility for a WCS
license and to allow WCS licensees ''to partition their service
areas, disaggregate spectrum, and franchise portions of their
spectrum or service areas on a leased basis.''

Competitive bidding for the two segments will begin no later than
next April 15. Comments are due by December 4, 1996, and reply
comments by December 16, 1996.
NNNN
/EX

E-mail: frenaye@pcnet.com
Tom Frenaye, K1KI, P O Box 386, West Suffield CT 06093 Phone: 860-668-5444

14. COORDINATOR: RE: Packet Listings in the RD

From: mjt <73303.3537@compuserve.com>
Date: Mon, 25 Nov 1996 20:26:17 -0500
To: Digital Coordinators <regional_freq@tapr.org>
Message-ID: <199611252028_MC1-C6D-4A89@compuserve.com>
Rendered body type: text/plain

From: "Mabey, Jay, NU0X", INTERNET:jmabey@arrl.org
TO: "'COORD'", INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 11/25/96 12:41 PM

RE: COORDINATOR: RE: Packet Listings in the RD

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (pophost.cs.tamu.edu [128.194.130.106]) by
arl-img-3.compuserve.com (8.6.10/5.950515)
        id NAA26853; Mon, 25 Nov 1996 13:37:36 -0500
Received: (from majordom@localhost) by cs.tamu.edu (8.8.3/8.8.3) id
MAA14403 for coordinator-outgoing; Mon, 25 Nov 1996 12:31:09 -0600 (CST)
X-Authentication-Warning: clavin.cs.tamu.edu: majordom set sender to

Coordinator-Owner using -f
Message-Id: <m0vS5oL-000fCjC@mgate.arrl.org>
Date: Mon, 25 Nov 1996 13:30:00 -0500
From: "Mabey, Jay, NU0X" <jmabey@arrl.org>
Subject: COORDINATOR: RE: Packet Listings in the RD
To: "'COORD'" <coordinator@cs.tamu.edu>
X-Mailer: Worldtalk (NetConnex V4.00a)/MIME
Sender: Coordinator-Owner@cs.tamu.edu
Precedence: bulk
Reply-To: "Mabey, Jay, NU0X" <jmabey@arrl.org>

Lurk Mode - OFF

****
*
****
Disclaimer:
Joe & the Remailer -- forgive my intrusion and the length of the post.
This is MY OWN OPINION and in no way reflects the opinion of my employer.

****
*
****

Gentlemen:

I have been a "lurker" on this list since it's inception and have SELDOM
made any comments to threads as it is not my place. What my place is, as
all of you know, is to edit and put together the ARRL Repeater Directory --

that publication that is so popular with those who continue to purchase it
annually. One of the reasons you folks do what you do is to provide the
most efficient use of a VERY limited resource: Our Spectrum. For that all
who build and use repeaters, links, remote bases and such are (or should
be...) eternally grateful.

There are "problem areas" -- there probably always will be. The NFCC's
purpose (as I understand it) is to attempt to "standardise" the
coordination
process and allow there to be a UNIFIED FRONT from the coordination groups
to prevent the spectrum that is so important to us from falling away while
we all babble about the size or shape of the game ball......(there I said
it....sorry folks).

In any case -- some clarification of the issues presently under discussion
on the remailer are needed. First, the payment for listings is ANNUAL.
 Each time the License Agreement is signed and new data is provided to ARRL

reimbursement for expenses will occur. Second, You are free to use the
data
as you will in addition to providing it to ARRL unconstrained (i.e. your
own
regional RD is fine). Third, and most recent, PACKET LISTINGS -- The
decision was made this morning (that is MONDAY 11-25-96) not to include
packet listings in the Repeater Directory with this edition. This is not
ANYONE'S "fault" -- not Mine, Not Dave's not Mark's...The listings have
been
"spotty" and out of date for many portions of the US in the past (this is
by
NO MEANS any dis-service to those Digital Coordinators who have been
providing full and complete listings annually)!!!!   In essence, the
Repeater Directory is ***NOT*** the place where digital affectionados would

"usually" look for listings anyway -- the RD is carried for the most part
in
vehicles and briefcases for use in locating voice repeaters while
travelling. We have talked about this previously and it was just the year
to make the decision. We plan on making any and all packet listings
provided from any source (digital coordinator OR voice repeater
coordinator)
available electronically via the HIRAM BBS, Internet Infoserver and ARRL
Web
page to see if the popularity is there to continue to publish the
information.

The Annual Letter went out Wednesday last week from HQ. My simple wish is
to do what I can to promote interaction between the ARRL and the

Coordination Community at large. I am not a Coordinator (nor do I play one

on TV to steal a line...) HOWEVER,
Gentlemen I see this from a REAL interesting perspective -- I'm placed
DIRECTLY between the PLAYERS and those who the players purport to SERVE
(The
Repeater Users). Most of the "general public" could care less what goes on

behind the scenes at NFCC, ARRL or within the coordination community -- ALL

they want is accurate and up-to-date lisitngs in a format they can readily
USE while travelling....be it PRINTED or on CD-ROM. All I want is to
provide them WITH those products in the most user-friendly manner possible.

  ARRL simply wants to be allowed to USE the data YOU folks work so hard to

gather and coordinate in our repeater publications for the END USER to use.

 We (ARRL) do NOT want to take over coordination!!!!! As a Repeater
Directory user (and/or ARRL employee...) (personally I could care less what

ERP, AMSL, Antenna Gain and LAT/LON a repeater has -- All I want to see is
the listing in a book I can carry when traveling!!!   This all fosters
spectrum usage which is important to ALL of us...Right???

Ever since the BOM I have seen bantering back and forth about one thing or
another some very healthy and other times stuff that made me sorry I was a
ham to be honest.
I've been quoted as coining the phrase we all better hang together or we'll

hang together."   Well the phrase is not mine, but I do believe what I
actually said was: "We have to HANG TOGETHER or we'll HANG SEPERATELY..."
  Presenting a disorganized and bickering pile of puppies to the FCC (or
whoever is watching) will ***NOT*** bode well for Amateur Radio in the
future -- in "my" opinion.

Thanks for listening gentlemen and good luck with the porcess....

With VERY 73,

Jay Mabey - NU0X
Lurk Mode - ON

15. No Packet listings in ARRL books this year!

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Tue, 26 Nov 1996 20:31:25 -0500
To: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
        Digital Coordinators <regional_freq@tapr.org>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
        Carl Estey <cestey@millcomm.com>,
        "Greg Jones, WD5IVD" <wd5ivd@tapr.org>,
        Gary Mitchell <wb6yru@arasmith.com>,
        KENNETH A PILETIC <kenpiletic@aol.com>,
        "Douglas J. Reed" <n3aia@worldnet.att.net>
Message-ID: <199611262031_MC1-C73-4C1C@compuserve.com>
Rendered body type: text/plain

Carl -

Perhaps it would be appropriate to discuss this topic on the TAPR/Digital
List??!!

Does anyone have the address & commands to subscribe to the TAPR List so
that others you've identified can join in?

73, Mark, WB9QZB
NIPRFC, Northern Illinois Packet Radio Frequency Council
---------- Forwarded Message ----------

From: Carl Estey, INTERNET:cestey@millcomm.com
TO: (unknown), [73303,3537]
        (unknown), INTERNET:JNEELY@EDEN.COM
        (unknown), INTERNET:N7IJI@JUNO.COM
        (unknown), INTERNET:FRENAYE@PCNET.COM
        (unknown), INTERNET:DANP@COMP.UARK.EDU
        (unknown), INTERNET:WD6CMU@NETCOM.COM
        (unknown), INTERNET:WB6YRU@ARASMITH.COM
        (unknown), INTERNET:COORD@RADIO.ORG
        (unknown), INTERNET:BOB@NPR.LEGENT.COM

Carl Bergstedt, INTERNET:CBERG@GRAYFOX.SVS.COM
(unknown), INTERNET:JIM.SHELDON@USEMAIL.COM
(unknown), INTERNET:LHOPKINS@CADVANTAGE.COM
(unknown), INTERNET:BRIAN@WKO.COM
(unknown), INTERNET:MEL@MO.NET
(unknown), INTERNET:KN4AQ@AOL.COM
(unknown), INTERNET:GERRY@CS.TAMU.EDU
CC: (unknown), INTERNET:WD5IVD@TAPR.ORG
(unknown), INTERNET:AG9V@TAPR.ORG
DATE: 11/26/96 12:35 AM

RE: No Packet listings in ARRL books this year!

Sender: cestey@millcomm.com
Received: from mill2.millcomm.com (Mill2.MillComm.COM [199.170.133.2]) by
arl-img-5.compuserve.com (8.6.10/5.950515)
id BAA18903; Tue, 26 Nov 1996 01:00:04 -0500
Received: from Dial-07.Mpls.MillComm.COM by mill2.millcomm.com with smtp
(Smail3.1.29.1 #2) id m0vSGZ5-000MbnC; Tue, 26 Nov 96 00:00 CST
Message-Id: <m0vSGZ5-000MbnC@mill2.millcomm.com>
Date: Tue, 26 Nov 96 00:00 CST
X-Sender: cestey@millcomm.com (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: jneely@eden.com, n7iji@juno.com, frenaye@pcnet.com, danp@comp.uark.edu,
wd6cmu@netcom.com, wb6yru@Arasmith.com, coord@radio.org,
bob@npr.legent.com, 73303.3537@compuserve.com,
cberg@grayfox.svs.com,
jim.sheldon@usemail.com, lhopkins@cadvantage.com, brian@wko.com,
mel@mo.net, kn4aq@aol.com, gerry@cs.tamu.edu
From: Carl Estey <cestey@millcomm.com>
Subject: No Packet listings in ARRL books this year!
Cc: wd5ivd@tapr.org, ag9v@tapr.org

Gentlemen -

I am writing to all of you because you are either subscribers to the
Internet Remailer who have indicated packet radio interest or are officers
of TAPR.

As you all know, the ARRL has for many years published packet listings
within their annual Repeater Directory. Just like the listings for
repeaters, those for packet had varied accuracy and were provided by either
packet frequency coordinators or database maintainers. Many Amateurs found
the packet listings very useful and they served as a "bench-mark" of yearly
digital growth.

On Saturday, the annual letter from Jay Mabey (editor of the Repeater
Directory) arrived and advised of the deadlines for submitting updates.
The
letter looked similiar to those received for many years, except it was
obvious something else had been stapled to it and later torn off.

Reading the thread on the Coordinator Re-mailer, I quickly learned what had
been removed from my letter. All repeater coordinators and data submitters
had received a copyright release, which when signed, could lead to payment
(rumored to be up to $1,000) for use of their data by ARRL. Packet folks
received the letter requesting data updates but not the copyright form!

On Monday morning, 11/25, I called Jay Mabey to find out what was going on.
I learned that the ARRL will no longer publish packet data in the repeater
directory because it is too costly and the League claims that no one buys
the book for the packet data - just for repeater info for those traveling.
So here is the irritation .... the ARRL has sent all of the packet data
providers a request for data .... but they won't publish what we send them.
It sounds dumb - but it is true.

Add to that the insult that they will pay for repeater data and not packet
data. The author of the ARRL resolution to pay for the data wrote me today
that it was his " ... expectation that any Frequency Coordinating
organization that supplied information would be compensated ..." ARRL
Executive VP Sumner said that "we had determined much earlier that we would
not pay for packet listings ..." It would seem that confusion abounds at
the ARRL ...

So, my query is this .... where do we go from here? Would TAPR be
interested in in taking over the role of list keeper/publisher abandoned by
ARRL? Or maybe W5YI?

What are your thoughts?

I have had correspondence with Dakota Division Director Olson and Executive
VP David Sumner today concerning this matter and will be happy to forward
copies if you might be interested. A clarification was issued early this
afternoon by Jay Mabey to the Coordinator Remailer.

73
Carl Estey WA0CQG
Minnesota Digital Service Frequency Coordinator

16. Re: No Packet listings in ARRL books this year!

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Tue, 26 Nov 1996 20:31:46 -0500
To: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
Digital Coordinators <regional_freq@tapr.org>,
Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
Carl Estey <cestey@millcomm.com>, Gary Mitchell <wb6yru@arasmith.com>,
KENNETH A PILETIC <kenpiletic@aol.com>,
"Douglas J. Reed" <n3aia@worldnet.att.net>
Message-ID: <199611262032_MC1-C73-4C1F@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "Greg Jones, WD5IVD", INTERNET:wd5ivd@tapr.org
TO: (unknown), [73303,3537]
(unknown), INTERNET:JNEELY@EDEN.COM
Carl Estey, INTERNET:CESTEY@MILLCOMM.COM
(unknown), INTERNET:N7IJI@JUNO.COM
(unknown), INTERNET:FRENAYE@PCNET.COM
(unknown), INTERNET:DANP@COMP.UARK.EDU
(unknown), INTERNET:WD6CMU@NETCOM.COM
(unknown), INTERNET:WB6YRU@ARASMITH.COM
(unknown), INTERNET:COORD@RADIO.ORG
(unknown), INTERNET:BOB@NPR.LEGENT.COM
Carl Bergstedt, INTERNET:CBERG@GRAYFOX.SVS.COM
(unknown), INTERNET:JIM.SHELDON@USEMAIL.COM
(unknown), INTERNET:LHOPKINS@CADVANTAGE.COM
(unknown), INTERNET:BRIAN@WKO.COM
(unknown), INTERNET:MEL@MO.NET
(unknown), INTERNET:KN4AQ@AOL.COM
" Dave Wolf TCET ", INTERNET:WO5H@TAPR.ORG
CC: (unknown), INTERNET:AG9V@TAPR.ORG
DATE: 11/26/96 5:18 AM

RE: Re: No Packet listings in ARRL books this year!

Sender: wd5ivd@tapr.org
Received: from tapr.org (tapr.org [204.17.217.20]) by hil-img-6.compuserve.com (8.6.10/5.950515)
id GAA24741; Tue, 26 Nov 1996 06:06:49 -0500
Received: from [128.83.113.135] (slip-g-1.ots.utexas.edu [128.83.253.65]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id FAA06110; Tue, 26 Nov 1996 05:05:12 -0600 (CST)
Message-Id: <v03007806aec07a4c476f@[128.83.113.135]>
In-Reply-To: <m0vSGZ5-000MbnC@mill2.millcomm.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 26 Nov 1996 05:06:24 -0600
To: Carl Estey <cestey@millcomm.com>, jneely@eden.com, n7iji@juno.com,
frenaye@pcnet.com, danp@comp.uark.edu, wd6cmu@netcom.com,
wb6yru@Arasmith.com, coord@radio.org, bob@npr.legent.com,
73303.3537@compuserve.com, cberg@grayfox.svs.com,
jim.sheldon@usemail.com, lhopkins@cadvantage.com, brian@wko.com,
mel@mo.net, kn4aq@aol.com, " Dave Wolf TCET "<wo5h@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: Re: No Packet listings in ARRL books this year!
Cc: ag9v@tapr.org

Hi again fellow digital cohorts :-)

I just posted a message to David Sumner on the Repeater Directory issue and
wanted to share it with you (see below).   I cc Rod Stafford as well....so
I expect to get comments back from both.

I have also messaged the TAPR Board again saying that if the ARRL has no
interest and no plans to publish the information that would be provided by
the Digital Groups and Digital Coordinators, that TAPR should immediately
make plans to determine if a critical mass of regional groups would be

willing to form a coalition for the collection, organization, and
disseminate of digital listings using TAPR as a focus and the resources
available.

I believe the list being messaged here represents the start of a core group.

I'll let you know what I hear back from David and/or Rod.

If you haven't done so yet -- check out the TAPR SS STA on the web page. I
think there will be some real potential in the next 3 months for regional
groups to generate some real interest for 115Kbps+ operating for what it
costs to get a dualband HT. I know several on this mailing are already
active....time to get more regional groups involved with the upcoming
technology.

Cheers - Greg, WD5IVD

=====

Hello David.

Wanted to touch base with you on the current issues revolving around the
digital listing in the ARRL repeater directory.

Just to let you know, I got several calls and e-mail on the subject
tonight. I can always tell something happened outside my periphery when
this happens...I am sure you have the same thing happen to you probably on
a weekly basis. All of the e-mail and calls were surrounding the message
that Jay Maybe posted to the NFCC e-mail list about the repeater directory
and the digital lists in that publication.

Anyway, this group (what I would call a basic core of digital groups in
the US) is asking TAPR to help collect and distribute to what would amount
to be a North American Digital Directory in lieu of the ARRL repeater
directory digital listing not occurring.

I have responded that I would look into this right away and that TAPR and
the TAPR Board would want to support a critical mass of regional digital
groups in anyway we could that would best benefit the digital aspect of the
hobby.

I want to make sure that this is indeed the case -- that the ARRL will be
dropping the digital section in the upcoming repeater directory.

In addition, it sounds like the thoughts being voiced by the regional
groups, that of having TAPR help with the collection, organization, and
dissemination of a new digital listing in a less paper oriented publication
format, would be beneficial to all concerned.

I can well understand one statement made to me tonight:
"The ARRL will no longer publish packet data in the repeater directory
because it is too costly and the League claims that no one buys the book
for the packet data - just for repeater info for those traveling."

Being well aware that paper costs have quadrupled in the last two years, I
can see where dropping the digital section might make or break your margin
on the publication.

If the ARRL has no plans regarding the publication of digital listings
submitted by the various regional digital groups and digital coordinators,
then TAPR would be interested in following up with these groups and
individuals to form a collection of information to be disseminated.

I look forward to hearing back from you on this issue.

Cheers - Greg Jones, WD5IVD
President TAPR

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

17. Re: No Packet listings in ARRL books this year!

```
From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Tue, 26 Nov 1996 20:31:40 -0500
To: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
        Digital Coordinators <regional_freq@tapr.org>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
        Carl Estey <cestey@millcomm.com>,
        "Greg Jones, WD5IVD" <wd5ivd@tapr.org>,
        KENNETH A PILETIC <kenpiletic@aol.com>,
        "Douglas J. Reed" <n3aia@worldnet.att.net>
Message-ID: <199611262032_MC1-C73-4C1E@compuserve.com>
Rendered body type: text/plain
```

---------- Forwarded Message ----------

From: Gary Mitchell, INTERNET:wb6yru@arasmith.com
TO: (unknown), [73303,3537]
(unknown), INTERNET:BOB@NPR.LEGENT.COM
(unknown), INTERNET:BRIAN@WKO.COM
Carl Bergstedt, INTERNET:CBERG@GRAYFOX.SVS.COM
(unknown), INTERNET:CESTEY@MILLCOMM.COM
(unknown), INTERNET:COORD@RADIO.ORG
(unknown), INTERNET:DANP@COMP.UARK.EDU
(unknown), INTERNET:FRENAYE@PCNET.COM
(unknown), INTERNET:GERRY@CS.TAMU.EDU
(unknown), INTERNET:JIM.SHELDON@USEMAIL.COM
(unknown), INTERNET:JNEELY@EDEN.COM
(unknown), INTERNET:KN4AQ@AOL.COM
(unknown), INTERNET:LHOPKINS@CADVANTAGE.COM
(unknown), INTERNET:MEL@MO.NET
(unknown), INTERNET:N7IJI@JUNO.COM
(unknown), INTERNET:WB6YRU@ARASMITH.COM
(unknown), INTERNET:WD6CMU@NETCOM.COM
CC: (unknown), INTERNET:AG9V@TAPR.ORG
(unknown), INTERNET:WD5IVD@TAPR.ORG
DATE: 11/26/96 12:36 AM

RE: Re: No Packet listings in ARRL books this year!

Sender: wb6yru@arasmith.com
Received: from arasmith.com (Arasmith.Arasmith.com [192.135.76.1]) by
hil-img-2.compuserve.com (8.6.10/5.950515)
id BAA14539; Tue, 26 Nov 1996 01:35:19 -0500
Received: (from wb6yru@localhost) by arasmith.com (8.7.3/8.7.3) id
WAA10025; Mon, 25 Nov 1996 22:40:10 -0800 (PST)
Date: Mon, 25 Nov 1996 22:40:10 -0800 (PST)
From: Gary Mitchell <wb6yru@arasmith.com>
Message-Id: <199611260640.WAA10025@arasmith.com>
To: 73303.3537@compuserve.com, bob@npr.legent.com, brian@wko.com,
cberg@grayfox.svs.com, cestey@millcomm.com, coord@radio.org,
danp@comp.uark.edu, frenaye@pcnet.com, gerry@cs.tamu.edu,
jim.sheldon@usemail.com, jneely@eden.com, kn4aq@aol.com,
lhopkins@cadvantage.com, mel@mo.net, n7iji@juno.com,
wb6yru@arasmith.com, wd6cmu@netcom.com
Subject: Re: No Packet listings in ARRL books this year!
Cc: ag9v@tapr.org, wd5ivd@tapr.org

Carl Estey WA0CQG wrote:
> I learned that the ARRL will no longer publish packet data in the
repeater
> directory because it is too costly and the League claims that no one buys
[snip]
> So, my query is this .... where do we go from here? Would TAPR be
> interested in in taking over the role of list keeper/publisher abandoned
by
> ARRL? Or maybe W5YI?
>
> What are your thoughts?

Well, there might be a connection between this and the NFCC. After
considerable discussion with the NFCC folks around February (as that
thing was just getting started) we at the NCPA have pretty much come to
the conclusion that packet folks are more or less on our own. The NFCC
used the Repeater Directory alone to determine who is a candidate for
charter membership and accepted no argument to the contrary. They say
they welcome all coordinators, but it seems to us that the playing field
isn't level as to who is a coordinator. Now this! I must say, it isn't
completely surprising.

I think TAPR is big enough and in the best position to be the central
point for packet coordinators or at least sponsor some sort of central
packet council. Perhaps sort of a packet equivalent to the NFCC of the
repeater folks. As to *publishing* packet information... that's a
significant task. If TAPR is up to it, great! We'll help where we can.

Gary Mitchell, WB6YRU
President, Northern California Packet Assn.

18. Re: No Packet listings in ARRL books this year!

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Tue, 26 Nov 1996 20:31:37 -0500
To: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
Digital Coordinators <regional_freq@tapr.org>,
Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
Carl Estey <cestey@millcomm.com>, Gary Mitchell <wb6yru@arasmith.com>,
KENNETH A PILETIC <kenpiletic@aol.com>,
"Douglas J. Reed" <n3aia@worldnet.att.net>
Message-ID: <199611262031_MC1-C73-4C1D@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "Greg Jones, WD5IVD", INTERNET:wd5ivd@tapr.org
TO: Carl Estey, INTERNET:CESTEY@MILLCOMM.COM
CC: (unknown), [73303,3537]
(unknown), INTERNET:NEELY@EDEN.COM
(unknown), INTERNET:N7IJI@JUNO.COM
(unknown), INTERNET:FRENAYE@PCNET.COM
(unknown), INTERNET:DANP@COMP.UARK.EDU
(unknown), INTERNET:WD6CMU@NETCOM.COM
(unknown), INTERNET:WB6YRU@ARASMITH.COM
(unknown), INTERNET:COORD@RADIO.ORG
(unknown), INTERNET:BOB@NPR.LEGENT.COM
Carl Bergstedt, INTERNET:CBERG@GRAYFOX.SVS.COM
(unknown), INTERNET:JIM.SHELDON@USEMAIL.COM
(unknown), INTERNET:LHOPKINS@CADVANTAGE.COM
(unknown), INTERNET:BRIAN@WKO.COM
(unknown), INTERNET:MEL@MO.NET
(unknown), INTERNET:KN4AQ@AOL.COM
" Dave Wolf TCET ", INTERNET:WO5H@TAPR.ORG
DATE: 11/26/96 3:04 AM

RE: Re: No Packet listings in ARRL books this year!

Sender: wd5ivd@tapr.org
Received: from tapr.org (tapr.org [204.17.217.20]) by
hil-img-5.compuserve.com (8.6.10/5.950515)
id EAA24951; Tue, 26 Nov 1996 04:00:38 -0500
Received: from [128.83.113.135] (slip-b-1.ots.utexas.edu [128.83.113.81])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA02664; Tue, 26 Nov 1996
02:59:45 -0600 (CST)
Message-Id: <v03007811aec0462daa59@[128.83.113.119]>
In-Reply-To: <m0vSGZ5-000MbnC@mill2.millcomm.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 26 Nov 1996 02:56:08 -0600
To: Carl Estey <cestey@millcomm.com>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: Re: No Packet listings in ARRL books this year!
Cc: neely@eden.com, n7iji@juno.com, frenaye@pcnet.com, danp@comp.uark.edu,
wd6cmu@netcom.com, wb6yru@Arasmith.com, coord@radio.org,
bob@npr.legent.com, 73303.3537@compuserve.com,
cberg@grayfox.svs.com,
jim.sheldon@usemail.com, lhopkins@cadvantage.com, brian@wko.com,
mel@mo.net, kn4aq@aol.com, " Dave Wolf TCET "<wo5h@tapr.org>

Hi Carl. Thanks for the e-mail.
(Hello to everyone on Carl's cc....I don't place all the e-mail in the cc,
but I do see Carl with CAPRA, Jim and Dave with TPRS, Mel with MOAMPS, Gary
with NCPA, and Dan in AR. Howdy!)

If the ARRL has no plans to publish a digital directory, I think I can say
that TAPR wants to work with the regional groups to make something
possible. With the caveat of saying pending approval of the TAPR BoD and
enough crticial mass of regional digital groups to pull it off.

Anyway, I was sent the message that Jay posted a few hours or so ago and
informed the TAPR BoD about it with a similar proposal that you outlined

Carl. That TAPR look into the possibility of working with regional groups that were interested in setting up some format for automatic information submission with the ability to update the database over the Internet. This information could then be used yearly for some type of publication (either CD-ROM or printed) that TAPR and the participating regional groups could print (as a group) and resale to generate money for digital operations at both the national and regional level. A sort of shared database (co-op approach) that could generate sales for everyone involved, with TAPR acting as a central focus and clearing house. Thus, we can develop some yearly document based on orders from the regional groups for their resale at local shows and to their membership. This might be more profitable to all concerned, depending on the market for such a document. Certainly printing a larger order for everyone would reduce the overall cost of any one regional group trying to do it alone.

Although this is a very rough concept, it should be possible to setup either a web based system or something more elaborate to allow authorized members in various participating regional organizations to make changes to their section of a North America Digital database -- why not include Canada I say! :-) Then take this database and using a simple Pagemaker interface translate it directly to print. Maybe we might just want to include it on the TAPR CD-ROM and not print it all. Make the CD-ROM available to participating regional groups at some reduced cost for their resale. In this way, we could make a much more in depth listing available that might not be able to be printed, or do a combination of both CD-ROM (with the full database) and printed version (with a much narrower focus that is easier for printed format). Just thinking out loud. I am sure we can agree that the information presented in the ARRL Repeater Directory was a poor fit for the various digital operations that had to be listed. I had a conversation with Jay over three years ago on this topic, but nothing ever resulted from that dialog.

Just as an information note: Steve Stroh, N8GJN, proposed that TAPR start an affiliated organizations program shortly after the TAPR BoD meeting in Seattle. Steve should be submitting a final document sometime in the next 2-3 weeks. I would think that doing a national registry of digital systems at least at the regional level would be an excellent part of this program. We haven't really announced anything yet or contacted the regional groups (you all), because it is still in the submission stage before being adopted by the BoD. Steve added tonight, when I was talking to him about this, that there where several ways that a national database and this proposed program could be fitted together. When Steve made his pitch to the TAPR BoD on the subject, I felt the time was right for the various regional groups to come together to share more of what everyone is doing.

Carl mentioned that the ARRL had said:
"...ARRL will no longer publish packet data in the repeater directory because it is too costly and the League claims that no one buys the book for the packet data..."

It could very well be that the ARRL does not see the necessary margins in making the digital lists part of the existing repeater directory. If you are not aware, paper costs have at least quadrupled in the last two years. This was one reason we had to increase membership in TAPR this year. Anyway, the size of the repeater directory has grown a lot since the first one I remember that was folded 8.5x11 paper that Stan WA1LOU organized. Cutting the digital section from the repeater guide could mean the difference between the league making their necessary margin or not. The repeater guide is one of their best selling publications. One reason for the need to pay to help keep the flow of information coming from 'some' of the repeater organizations. If this is indeed the case, then I think we should begin to organize such a listing ourselves. There are better ways to collect, produce, and distribute the information that could benefit all involved.

I would be glad to discuss over the phone any of these issues. I am currently in Denton for Thanksgiving and will be returning to my apt in Austin middle of the week after the holiday. My pager number while I am in Denton is (817) 380-6232. Number in Austin (512) 794-0578. If you page me -- please enter *77 after your telephone number so I know it is related to this topic :-)

Anyway, if any of this group have comments about a possible digital database organized via TAPR by the regional groups, please let me know. I am sure that if TAPR and regional groups joined to do this, it would be necessary to find at least 2-3 fresh people not currently involved in a 'massive' TAPR project to help run and manage such a database. Any volunteers? :-)

I look forward to further correspondence. There is great possibilities in
all this.

Cheers - Greg Jones, WD5IVD
President of TAPR

>Gentlemen -
>
>I am writing to all of you because you are either subscribers to the
>Internet Remailer who have indicated packet radio interest or are officers
>of TAPR.
>
>As you all know, the ARRL has for many years published packet listings
>within their annual Repeater Directory. Just like the listings for
>repeaters, those for packet had varied accuracy and were provided by
either
>packet frequency coordinators or database maintainers. Many Amateurs
found
>the packet listings very useful and they served as a "bench-mark" of
yearly
>digital growth.
>
>On Saturday, the annual letter from Jay Mabey (editor of the Repeater
>Directory) arrived and advised of the deadlines for submitting updates.
The
>letter looked similiar to those received for many years, except it was
>obvious something else had been stapled to it and later torn off.
>
>Reading the thread on the Coordinator Re-mailer, I quickly learned what
had
>been removed from my letter. All repeater coordinators and data
submitters
>had received a copyright release, which when signed, could lead to payment
>(rumored to be up to $1,000) for use of their data by ARRL. Packet folks
>received the letter requesting data updates but not the copyright form!
>
>On Monday morning, 11/25, I called Jay Mabey to find out what was going
on.
>I learned that the ARRL will no longer publish packet data in the repeater
>directory because it is too costly and the League claims that no one buys
>the book for the packet data - just for repeater info for those traveling.
>So here is the irritation .... the ARRL has sent all of the packet data
>providers a request for data .... but they won't publish what we send
them.
>It sounds dumb - but it is true.
>
>Add to that the insult that they will pay for repeater data and not packet
>data. The author of the ARRL resolution to pay for the data wrote me today
>that it was his " ... expectation that any Frequency Coordinating
>organization that supplied information would be compensated ..." ARRL
>Executive VP Sumner said that "we had determined much earlier that we
would
>not pay for packet listings ..." It would seem that confusion abounds at
>the ARRL ...
>
>So, my query is this .... where do we go from here? Would TAPR be
>interested in in taking over the role of list keeper/publisher abandoned
by
>ARRL? Or maybe W5YI?
>
>What are your thoughts?
>
>I have had correspondence with Dakota Division Director Olson and
Executive
>VP David Sumner today concerning this matter and will be happy to forward
>copies if you might be interested. A clarification was issued early this
>afternoon by Jay Mabey to the Coordinator Remailer.
>
>73
>Carl Estey WA0CQG
>Minnesota Digital Service Frequency Coordinator

Greg Jones, WD5IVD
Austin, Texas

wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

19. Re: No Packet listings in ARRL books this year!

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 26 Nov 1996 20:38:59 -0600
To: "Mark J. Thompson" <73303.3537@compuserve.com>,
Carl Bergstedt <cberg@grayfox.svs.com>,
JOHN F CHAPUT <jfchaput@wwa.com>,
Digital Coordinators <regional_freq@tapr.org>,
Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
Carl Estey <cestey@millcomm.com>, Gary Mitchell <wb6yru@arasmith.com>,
KENNETH A PILETIC <kenpiletic@aol.com>,
"Douglas J. Reed" <n3aia@worldnet.att.net>
Message-ID: <v03007809aec159b543ba@[128.83.113.90]>
Rendered body type: text/plain

Based on a conversation with both Carl Bergstedt and Carl Estey, I'll be making available a list on TAPR.ORG that we can add people to for just the discussion of the potential of doing a database.

Carl -- does the To list in this message represnent the group that should be added. It would be a semi-private list, thus that someone with list premission woud have to add people as appropriate.

Cheers - Greg

P.S. The list name will pretty non-meaning for this topic, but it is a spare list already configured and setting there not being used.

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

20. Re: No Packet listings in ARRL books this year!

From: Gary Pearce KN4AQ <kn4aq.gary@mms.net>
Date: Tue, 26 Nov 1996 22:52:12 -0500
To: regional_freq@tapr.org
Message-ID: <329BBAEC.20CB@mms.net>
Rendered body type: text/plain

When I read Jay Maybe's letter on the Coordinator's remailer, I had mixed feelings. The packet listings in the Repeater Directory were clearly a hodge-podge, some good, some really pathetic. Last year was the first year my list appeared (North Carolina), and I saw how I could put it in better shape for users this year. But for all it's faults, it gave new packet users a place to start.

On the other hand, packet operators are by definition into computers (OK, there's a handful just using terminals, and still a few commodore 64s out there, but most of us have real computers). That means databases, hard drive storage, file transfers, bulletin boards, web sites...

Jay offered to accept the next round of data, and put them on the ARRL's web site. I'm going to take him up on that. Maybe BBS sysops can put national packet databases on their BBS computers. I publish the NC list monthly as a statewide "flood." The file is about 10k, and I'm working to pare it down a bit and make it more meaningful to the packet op looking to find real, usable local packet systems.

I'll miss the visability the Repeater Directory gave packet, and I think I'll lobby Jay that the decision ought to be reversed (and I don't want a cent for my data). But I think we can live without it, too.

73,
Gary Pearce
VP/Freq. Coordinator
Packet>East of NC
--
Gary Pearce Avid/Video Editor Internet:kn4aq.gary@mms.net
116 Waterfall Ct. Franklin Video
Cary, NC 27513 Raleigh, NC
919-380-9944 919-833-8888 Ham Radio: KN4AQ

21. Alternate Packet Info Distribution

From: Gary Pearce KN4AQ <kn4aq.gary@mms.net>
Date: Wed, 27 Nov 1996 07:11:15 -0500
To: Carl Estey <cestey@millcomm.com>
Cc: Packet Coordination List <regional_freq@tapr.org>
Message-ID: <329C2FE3.6737@mms.net>
Rendered body type: text/plain

Carl Estey wrote:
>
> Hi Gary -
>
> Nice to see your comments about the packet listings.
>
> Our Minnesota listings were just becoming worthwhile but I think we will
> find means to continue to publish them. Conversations with Greg Jones at
> TAPR sound promising. Maybe a WEB site or a CD.
>
> 73
> Carl Estey

I think it would be great if TAPR created a central source for data. If a printed book got wide distribution, it could be good for everyone, though it's hard to compete with the Repeater Directory for visability.

I also distribute the NC list nationally by putting it on the rec.amateur.digital.misc newsgroup, as well as a statewide flood on packet itself via "all@NCBBS," local BBSs and web sites. I'd flood it nationwide, but I think a 10k file is a little unreasonable for the limited interest and current speed of the network (and actually it's two 10k files - one sorted by city, and one sorted by frquency).

What extra value is there in a printed directory? Visability, and being able to browse what's happening in the rest of the country while sitting on the living room couch... any more?

73,
Gary KN4AQ

--

Gary Pearce	Avid/Video Editor	Internet:kn4aq.gary@mms.net
116 Waterfall Ct.	Franklin Video	
Cary, NC 27513	Raleigh, NC	
919-380-9944	919-833-8888	Ham Radio: KN4AQ

22. Re: No Packet listings in ARRL books this year!

From: n8ivx@onebellevue.com (Steve Goff)
Date: Wed, 27 Nov 1996 09:21:40 -0500
To: regional_freq@tapr.org
Message-ID: <2.2.32.19961127142140.006a3240@[38.249.11.2]>
Rendered body type: text/plain

I for one am against sending any data to the ARRL after their announcement. I feel totally betrayed by their decision to not include digital data in their next publication. If anyone should profit from this data, it *should* be the regional groups, not ARRL. I feel that TAPR is recognized enough nationally for them to act as the central repository for this data.

I have been collecting digital data for Ohio on behalf of the Ohio Area Repeater Council for the last several years, and developed a web site of my own in August to help collect this data. While participation has been marginal, the information is accurate. Only those systems wishing to be published submitted their information.

The only reason OARC got involved in digital data was because there is no *core* digital group in Ohio, and the ARRL only accepts data from a single source for any given region. Anyone who wanted their information published had to submit it to OARC, or it would not be published.

I certainly feel that if there is any publication at all on a national level, it should be sponsored by a nationally recognized organization such as TAPR who truly represents the digital community, and not by an organization whose primary purpose appears to be political.

If anyone is keeping a list of volunteers for the project, please throw my name in the ring...

---
73 de Steve

```
NWOH Coordinator, Ohio Area Repeater Council, Inc.
Central Lakeshore Experimenter's Digital Organization (CLEDO)
Packet:  N8IVX@N8IVX.#NWOH.OH.USA.NOAM
AmprNet: n8ivx@n8ivx.ampr.org [44.70.177.32]
E-Mail:  n8ivx@onebellevue.com
Web:     <http://www.onebellevue.com/n8ivx/>
---------------------------------------------------------------
```

December 1996

Original source file: regional_freq.9612
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1996-12/REGIONAL_FREQ_1996-12.txt

1. Role of TAPR as interface to NFCC?

From: cestey@millcomm.com (Carl Estey)
Date: Tue, 03 Dec 1996 10:19:30 -0600
To: regional_freq@tapr.org
Message-ID: <m0vUxYe-000Md7C@mill2.millcomm.com>
Rendered body type: text/plain

As I watch the coordinators remailer I get the distinct feeling that
establishing national band plans that might encompass more than soley
repeaters and their links has become an agenda item for some within the
newly formed NFCC. It seems that some folks within that group are blind to
the fact that there are many more spectrum users in Amateur Radio today that
just those who use repeaters.

If we are to be included in band planning I wonder if TAPR should become the
focal point for digital radio spectrum users and represent those interests
with the NFCC and ARRL. It is clear that those of us who are non-repeater
coordinators/database managers are being methodically drummed out of the
NFCC ranks shortly.

The Amateur digital community needs a voice to represent us in all fronts
... with the NFCC, ARRL and FCC. TAPR has been more agressive in doing
this as witnessed by the recent SS STA activities. I applaud the TAPR
Officers and Board for taking this agressive role and hope they will see fit
to continue to do so in matters such as bandplans.

I have said my bit ... so what are your thoughts?

(BTW, please excuse the posting here but I thought it important to the
Regional groups because if TAPR doesn't become the interface then each
regional group will have to try ... and that is becoming more difficult to
be recognized by the NFCC.)

73

Carl WA0CQG
Carl Estey, Amateur Radio Station WA0CQG
10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area

2. RE: [REGIONAL_FREQ:134] Role of TAPR as interface to NFCC?

From: cberg@grayfox.svs.com
Date: Tue, 3 Dec 96 10:54:07 PST
To: regional_freq@tapr.org
Message-ID: <Chameleon.961203112102.cberg@napcom.svs.com>
Rendered body type: text/plain

On Tue, 3 Dec 1996 10:21:15 -0600 (CST) Carl Estey wrote:
>As I watch the coordinators remailer I get the distinct feeling that
>establishing national band plans that might encompass more than soley
>repeaters and their links has become an agenda item for some within the
>newly formed NFCC. It seems that some folks within that group are blind to
>the fact that there are many more spectrum users in Amateur Radio today
that
>just those who use repeaters.

        Agreed, Carl. There seem to be more against rather than in favor
        of National bandplans on the Coordinators remailer, however.

        I have objected to the exclusion of other spectrum users, namely
        packet radio, in my correspondence with the Illiois Repeater
        Assn. when bandplanning is discussed. I have the feeling that our
        state coordination group, does not want input from any other
        spectrum users, as they have not replied to my written requests
        to be part of the planning process. I am speaking for our digital
        coordination group in NE IL, NIPRFC.

>
>If we are to be included in band planning I wonder if TAPR should become
the
>focal point for digital radio spectrum users and represent those interests

>with the NFCC and ARRL.

Although I should not assume to speak for TAPR, I would doubt
that the TAPR BoD would want to get into a political issue as
bandplanning, on a National or regional basis. I could be wrong.

It is clear that those of us who are non-repeater
>coordinators/database managers are being methodically drummed out of the
>NFCC ranks shortly.

The thrust of events seem to indicate this. If the NFCC was truly
interested in making packet radio equal, participating partners
in amateur radio spectrum planning, they should have offered us
a place in organization, to participate in any national or regional
planning. Instead, they have deferred taking us into their
organization as full partners, with the lame excuse that they have
more important organizational issues to decide. The St Louis meeting
concluded with some vague refernce to incorporating digital
interests at some later date, when we "get our act together"
Forgive me if I have misquoted, but the essence of the statement
is correct, I believe.

>The Amateur digital community needs a voice to represent us in all fronts
>.. with the NFCC, ARRL and FCC. TAPR has been more agressive in doing
>this as witnessed by the recent SS STA activities. I applaud the TAPR
>Officers and Board for taking this agressive role and hope they will see
fit
>to continue to do so in matters such as bandplans.

Carl, I haven't a candidate for this role other than TAPR, but
will they want to get involved? Maybe we need the equivalent of a
digital MACC.

>I have said my bit ... so what are your thoughts?
>
>(BTW, please excuse the posting here but I thought it important to the
>Regional groups because if TAPR doesn't become the interface then each
>regional group will have to try ... and that is becoming more difficult to
>be recognized by the NFCC.)
>
>73
>
>Carl WA0CQG
>Carl Estey, Amateur Radio Station WA0CQG
>10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
>E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
>Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area
>

73, Carl B. K9VXW
Pres. Northeastern Illinois Packet Radio Frequency Council

3. Re: COORDINATOR: Band Planning

From: MENDELS@abc.com (MENDELS) (by way of cestey@millcomm.com (Carl Estey))
Date: Tue, 03 Dec 1996 15:26:33 -0600
To: regional_freq@tapr.org
Message-ID: <m0vV2Lm-000MczC@mill2.millcomm.com>
Rendered body type: text/plain

The following comments are distributed to you with the permission of their
author. They appeared earlier today on the coordinators remailer. Let
Steve know what you think. This is our opportunity ... and it appears
someone is listening!

Carl - wa0cqg

>>These are the areas where ALL coordinators agree. If the ARRL will not
>>do it, and the NFCC CANNOT do it, who does that leave?

Good day Gentlemen. ARRL formed a Spectrum Management
Committee for just such a project. A Committee I head has been
given the task of updating the way the SMC works.

It currently is like any other League Committee (DX or Contest
Advisory) with each director naming members.

The League will indeed "do it" with the Spectrum Management
Committee after it is reformed.

I would like to ask all of you how you would approach creating
a national level committee that was not unweildy (more than 15
members), was able to represent the geographical diversity
needed to keep decisions balanced and able to represent all
major spectrum users i.e. FM, ATV, DX packet cluster, digital,
weak signal, satellite, APRS, translator, repeater linking
and simplex.

It is not an easy task, nor a rhetorical question. Each of the
readers of the remailer "does" spectrum management in
one form or another. Here is your chance to have input into
how the League (re)forms a national committee.

The floor is opened for discussion, but please remember I
am looking for input on how, not who.

 -73- Steve, W2ML, ARRL 1st Vice President

4. Re: [REGIONAL_FREQ:134] Role of TAPR as interface to NFCC?

From: "Doug Reed, N3AIA" <n3aia@america.net>
Date: Wed, 11 Dec 1996 08:14:10 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.91.961211081114.2208D-100000@atl1>
Rendered body type: text/plain

Is there anyone that can give me a clue on HOW I can change the remailer
to use my new email address instead of this old one??

     OLD: n3aia@america.net

     NEW: n3aia@worldnet.att.net

I've tried just about everything I know but all messages still continue
to pour into my 'america.net' address.

Please address your replies to my NEW address.

Thanks and appreciate your help . . . .

Doug Reed, N3AIA
Georgia Digital Frequency Coordinator
Roswell, GA

5. North American Digital System Directory

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 16 Dec 1996 16:12:49 -0600
To: "TAPR-BB list   mailing"<tapr-bb@tapr.org>, " NetCode "<netcode@tapr.org>,
       regional_freq@tapr.org
Message-ID: <v03007804aedb7972789d@[208.134.134.42]>
Rendered body type: text/plain

North American Digital System Directory

The Tucson Amateur Packet Radio Corporation (TAPR), with the support of the
American Radio Relay League (ARRL), will begin providing at the TAPR Internet
site the information on digital systems that until now has been printed in
the annual ARRL Repeater Directory. Information on digital systems will
not be published in the 1997-98 edition of the Repeater Directory, permitting
the publication to better focus on its primary use as a guide to voice
repeaters for traveling Amateurs.

In planning the 1997-98 edition, the ARRL concluded that the Repeater
Directory was no longer the most effective medium for this information.
Discussions involving various regional digital groups that provide data
to the digital section of the Repeater Directory led to the conclusion that
TAPR was the logical group to take on the task of a new North American Digital
System Directory.

This new database system will describe systems used by amateur radio
stations involved in digital communications in the United States, Canada, and
Mexico. The Digital System Directory will be based on information provided
by regional, state, and local organizations as well as individuals in a nearly
real-time format. This should allow information to be maintained and updated
more frequently than in a yearly publication. TAPR will also work with
participating organizations to make this information available on TAPR's
yearly CD-ROM as well as some future publication for local/regional groups
to distribute.

The purpose of the Digital System Directory is not to manage, coordinate,

or regulate the usage of digital systems, but to provide the most up to date and accurate listing of digital systems that can be provided. Neither is it a formal organization, but a mechanism to allow regional groups to provide and share information regarding digital systems.

The Digital System Directory is intended for use by individuals to further their enjoyment of the hobby and by organizations to help plan and develop digital networks.

Regional/Local groups including TwinsLAN, Texas Packet Radio Society, Miami Valley FM Association, Ohio Area Repeater Council, Puget Sound AR TCP/IP Group, Northern California Packet Association, Northern Illinois Packet Radio Frequency Council, Indiana Digital Experimenters Association, Central Lakeshore Experimenter's Digital Organization, HogNet Packet Radio Association, YCCC Sysops Association, and the Missouri Amateur Packet Radio Society have already begun to participate in the process. TAPR encourages other regional groups to support this project by contributing data from their respective areas.

For further information on the project and how to get involved, regional groups should check http://www.tapr.org/directory or send e-mail to Carl Estey, wa0cqg@tapr.org

---
Released on: 12-16-96
by: TAPR and ARRL

6. COORDINATOR: 1997-98 RD & Packet

From: "Mark J. Thompson" <73303.3537@compuserve.com>
Date: Mon, 16 Dec 1996 17:47:03 -0500
To: Carl Bergstedt <cberg@grayfox.svs.com>, JOHN F CHAPUT <jfchaput@wwa.com>,
        Digital Coordinators <regional_freq@tapr.org>,
        Frank Corsanos <fcorsanos@aol.com>, Bill Davidson <DBILL@UIC.EDU>,
        KENNETH A PILETIC <kenpiletic@aol.com>
Message-ID: <199612161747_MC1-D38-150@compuserve.com>
Rendered body type: text/plain

---------- Forwarded Message ----------

From: "Mabey, Jay, NU0X", INTERNET:jmabey@arrl.org
TO: "'COORD'", INTERNET:COORDINATOR@CS.TAMU.EDU
DATE: 12/16/96 3:34 PM

RE: COORDINATOR: 1997-98 RD & Packet

Sender: coordinator-owner@cs.tamu.edu
Received: from cs.tamu.edu (clavin.cs.tamu.edu [128.194.130.106]) by
arl-img-3.compuserve.com (8.6.10/5.950515)
        id QAA21215; Mon, 16 Dec 1996 16:16:01 -0500
Received: (from majordom@localhost)
          by cs.tamu.edu (8.8.4/8.8.4)
          id PAA13155 for coordinator-outgoing; Mon, 16 Dec 1996 15:10:40
-0600 (CST)
Message-Id: <m0vZkIo-000f49C@mgate.arrl.org>
Date: Mon, 16 Dec 1996 16:08:00 -0500
From: "Mabey, Jay, NU0X" <jmabey@arrl.org>
Subject: COORDINATOR: 1997-98 RD & Packet
To: "'COORD'" <coordinator@cs.tamu.edu>
X-Mailer: Worldtalk (NetConnex V4.00a)/MIME
Sender: Coordinator-Owner@cs.tamu.edu
Precedence: bulk
Reply-To: "Mabey, Jay, NU0X" <jmabey@arrl.org>

Gents:

Here is the joint ARRL / TAPR News Release being disseminated by both
organizations effective today:

73 - Jay/NU0X

****

>>>>> FOR RELEASE BY ARRL AND TAPR 12-16-96

North American Digital System Directory

The Tucson Amateur Packet Radio Corporation (TAPR), with the support of the American Radio Relay League (ARRL), will begin providing at the TAPR Internet site the information on digital systems that until now has been printed
in the annual ARRL Repeater Directory. Information on digital systems will not be published in the 1997-98 edition of the Repeater Directory, permitting
the publication to better focus on its primary use as a guide to voice repeaters
for traveling Amateurs.

In planning the 1997-98 edition, the ARRL concluded that the Repeater Directory was no longer the most effective medium for this information. Discussions involving various regional digital groups that provide data to the
digital section of the Repeater Directory led to the conclusion that TAPR was
the logical group to take on the task of a new North American Digital System

Directory.

This new database system will describe systems used by amateur radio stations involved in digital communications in the United States, Canada, and
Mexico. The Digital System Directory will be based on information provided by regional, state, and local organizations as well as individuals in a nearly
real-time format. This should allow information to be maintained and updated
more frequently than in a yearly publication. TAPR will also work with participating organizations to make this information available on TAPR's yearly CD-ROM as well as some future publication for local/regional groups to distribute.

The purpose of the Digital System Directory is not to manage, coordinate, or regulate the usage of digital systems, but to provide the most up to date
and
accurate listing of digital systems that can be provided. Neither is it a formal organization, but a mechanism to allow regional groups to provide and
share
information regarding digital systems.

The Digital System Directory is intended for use by individuals to further their
enjoyment of the hobby and by organizations to help plan and develop digital

networks.

Regional/Local groups including TwinsLAN, Texas Packet Radio Society, Miami Valley FM Association, Ohio Area Repeater Council, Puget Sound AR TCP/IP Group, Northern California Packet Association, Northern Illinois Packet
Radio Frequency Council, Indiana Digital Experimenters Association, Central Lakeshore Experimenter's Digital Organization, HogNet Packet Radio Association,
YCCC Sysops Association and the Missouri Amateur Packet Radio Society have already begun to participate in the process. TAPR encourages other regional
groups
to support this project by contributing data from their respective areas.

For further information on the project and how to get involved, regional groups should check http://www.tapr.org/directory or send e-mail to Carl Estey, wa0cqg@tapr.org

*EOF

This message sent by "Mabey, Jay, NU0X" <jmabey@arrl.org>
to the Coordinator mailing list. Replies will default to the sender of the message. For help with the Majordomo mailing list server, send a message to Majordomo@cs.tamu.edu with HELP as the only line in the message body.

7. Update on NADSD Directory

From: Greg Jones <wd5ivd@tapr.org>
Date: Tue, 17 Dec 1996 10:34:06 -0600 (CST)
To: tapr-bb@tapr.org (TAPR-BB mailing), regional_freq@tapr.org,
billwa6itf@aol.com (Bill Pasternak),
lenwink@indirect.com (Len Winkler),
mbohnhof@pop.wwa.com (Mark T. Bohnhoff),
tapr-board@tapr.org (TAPR Board), wo5h@tapr.org (Dave Wolf TCET),
hholly@ais.net (Hap Holly)
Message-ID: <199612171634.KAA10312@tapr.org>
Rendered body type: text/plain

Just as a fill to the recent announcement regarding the NADSD.

The creation of the NADSD was in response to the ARRL announcing that they
were dropping the digital listing from the upcoming Repeater Directory.

It seems that some are reading the announcement in such a way as to infer
that TAPR had something to do with the ARRL making the decision to drop
the digital listing from the Repeater Directory. This was not the case.
TAPR responded to the call from several regional groups, once the announcement
was made by the ARRL as to their plans, and the on-line directory
concept was created and moved to closure.

If you have digital information that would be useful in the North American
Digital Systems Directory, please check http://www.tapr.org/directory

Cheers - Greg Jones, WD5IVD
President, TAPR

8. NADSD Team is working!

From: cestey@millcomm.com (Carl Estey)
Date: Tue, 17 Dec 1996 11:40:40 -0600
To: regional_freq@tapr.org
Message-ID: <m0va3Un-000MdrC@mill2.millcomm.com>
Rendered body type: text/plain

If you haven't looked at the new TAPR North American Digital Services
Directory (NADSD) yet take a peek - its at: HTTP://www.tapr.org/directory

If you represent a group that will provide data for the NADSD please
register at the on-line group sign-up page. As soon as we are ready, we
will be contacting those who are registered and provide info about how to
send your data.

One concern someone voiced recently is "Will the NADSD include backbone
info?" The answer for now is no - and we won't be seeking to collect any -
now. In the future, we will collect but not distribute it to the public.
The data will no doubt help plan future networks. We are asking for
submittal of LAT/LONG info because it will drive the planned APRS
prsentations. We need your ideas about LAT/LONG .... does it really
consstitute a security risk and should it be excluded? Is a "grid square"
safer? What do you think? Post your thoughts here (REGIONAL_FREQ remailer)
for all to see.

Happy Holidays to all!

Carl - WA0CQG
NADSD Team focal point
Carl Estey, Amateur Radio Station WA0CQG
10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area

9. Re: [REGIONAL_FREQ:141] NADSD Team is working!

From: Jeff King <jeff@mich.com>
Date: Tue, 17 Dec 1996 13:21:26 -0500
To: regional_freq@tapr.org
Cc: cestey@millcomm.com, wd5ivd@tapr.org
Message-ID: <2.2.32.19961217182126.0069d7b0@mich.com>
Rendered body type: text/plain

At 11:40 AM 12/17/96 -0600, cestey@millcomm.com (Carl Estey) wrote:

>
>If you represent a group that will provide data for the NADSD please
>register at the on-line group sign-up page. As soon as we are ready, we
>will be contacting those who are registered and provide info about how to
>send your data.

I thought individials could also submit data??

The above not occuring, how can I as a individial that has numerous
heavily used packet systems submit my data?

Thank you

-Jeff wb8wka

10. Re: [REGIONAL_FREQ:142] Re: NADSD Team is working!

From: cestey@millcomm.com (Carl Estey)
Date: Tue, 17 Dec 1996 12:44:11 -0600
To: regional_freq@tapr.org
Message-ID: <m0va4UG-000MdrC@mill2.millcomm.com>
Rendered body type: text/plain

Originally I wrote:

>>If you represent a group that will provide data for the NADSD please
>>register at the on-line group sign-up page. As soon as we are ready, we
>>will be contacting those who are registered and provide info about how to
>>send your data.
>

And then Jeff, WBN8WKA responded:

>I thought individials could also submit data??
>
>The above not occuring, how can I as a individial that has numerous
>heavily used packet systems submit my data?
>
>Thank you
>
>-Jeff wb8wka

Hi Jeff -

Thanks for your note.

Although the NADSD TAPR team emphasis is on using the regional digital
groups as the primary means of collecting data, we welcome individuals to
fill out the on-line registration form and we will then provide more info
about submitting data. If you have a regional group in your area, submit
your data to them. If there is no group, or they won't accept your data,
register yourself on the TAPR web site. Our interest is to support the
regional groups when possible, but the ultimate goal is to get accurate info
into the NADSD!

Carl - WA0CQG

Carl Estey, Amateur Radio Station WA0CQG
10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area

11. Re: LAT/LONG question

From: Gary Mitchell <wb6yru@arasmith.com>
Date: Wed, 18 Dec 1996 02:24:58 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <199612181024.CAA06429@arasmith.com>
Rendered body type: text/plain

Carl WA0CQG wrote:
> We are asking for
> submittal of LAT/LONG info because it will drive the planned APRS
> prsentations. We need your ideas about LAT/LONG ....   does it really
> consstitute a security risk and should it be excluded? Is a "grid square"
> safer? What do you think? Post your thoughts here (REGIONAL_FREQ remailer)
> for all to see.

LAT/LONG can be useful information. The security issue can be minimized
by not allowing the resolution to be too accurate, perhaps to no better
than a couple of miles or so. Besides, if someone were bent on finding
your system, they can easily find it with standard transmitter hunting
techniques.

Gary WB6YRU
NCPA Pres.

12. Publish Backbone Info? I do in NC.

From: Gary Pearce KN4AQ <kn4aq.gary@mms.net>
Date: Wed, 18 Dec 1996 06:50:45 -0500
To: regional_freq@tapr.org
Message-ID: <32B7DA95.3B55@mms.net>
Rendered body type: text/plain

Carl mentioned that the NADSD will not publish backbone information. That's a question I struggled with (as we all have). I decided to publish the information, unless a sysop specifically requested that it not be published (none have requested that).

The issue for me is network security, and I concluded that there really is none, beyond the willingness of individual hams to respect the goals of the network. A repeater might be able to hide a control channel, with infrequent, short transmissions. But repeaters and packet systems can't hide links that are on the air routinely, since everyone has systhesized radios. So everyone knows the link or backbone exists, but they might not know just what it's for.

Publishing the frequency, and labeling it clearly, helps hams know what frequencies are in use, and for what purpose. The temptation of the "forbidden fruit" is reduced a bit as the mystery is eliminated. And packet's "claim" to spectrum is enhanced a bit as well.

Just my 2¢.

73, Season's Greetings,

Gary KN4AQ
Packet>East of NC
--
Gary Pearce Avid/Video Editor Internet:kn4aq.gary@mms.net
116 Waterfall Ct. Franklin Video
Cary, NC 27513 Raleigh, NC
919-380-9944 919-833-8888 Ham Radio: KN4AQ

13. Re: [REGIONAL_FREQ:145] Publish Backbone Info? I do in NC.

From: "Rex H. Ishmael" <rishmael@texhoma.net>
Date: Wed, 18 Dec 1996 07:33:16 -0600 (CST)
To: regional_freq@tapr.org
Message-ID: <1.5.4.16.19961218082524.2f3f4366@texhoma.net>
Rendered body type: text/plain

At 05:54 AM 12/18/96 -0600, you wrote:
>Carl mentioned that the NADSD will not publish backbone information. That's
>a question I struggled with (as we all have). I decided to publish the
>information, unless a sysop specifically requested that it not be
>published (none have requested that).
>
>The issue for me is network security, and I concluded that there really is
>none, beyond the willingness of individual hams to respect the goals of the
>network. A repeater might be able to hide a control channel, with
snip
>--
>Gary Pearce Avid/Video Editor Internet:kn4aq.gary@mms.net
>116 Waterfall Ct. Franklin Video
>Cary, NC 27513 Raleigh, NC
>919-380-9944 919-833-8888 Ham Radio: KN4AQ
>
I beleive that this may be a non-issue also, as most of the networking systems I use
(thener x1j) have control of direct uplink or downlink that prohibits users from accessing
any of the backbone frequencies directly.. although I have never had reason to turn it
on out here (yet) we are ready for that situation. Knowing that they are there is more important
to the cause that more space is needed for this activity also.
REX
==========
Rex Ishmael, Sr. Environmental Engineer, Halliburton Energy Services
E-Mail:rishmael@halnet.com (work)
E-Mail:rishmael@texhoma.net (home)
Amatuer Mail: WD0AJG@WD0AJG.#SCOK.OK.USA.NOAM
==========

14. Re: [REGIONAL_FREQ:144] Re: LAT/LONG question

From: "Richard F. Garcia" <n2czf@magg.net>
Date: Wed, 18 Dec 1996 10:47:49 -0500
To: <regional_freq@tapr.org>
Message-ID: <199612181554.KAA25400@grumpy.magg.net>
Rendered body type: text/plain

Considering the inaccuracy of the more common GPS receivers the at long may not be that big of a problem. Now if one were to use DGPS or topographical map data that put the site right on the money that is different.

A standard GPS position, a Lat/Long with slightly incorrect data, or whatever would be enough to track by crude DF means and even by visual in some areas as already mentioned. In other words if lat/long is used then might as well do it correctly. If we lie about the position to where we really hide the site from those really bent on finding it there is no point to plot it on a map.

> From: Gary Mitchell <wb6yru@arasmith.com>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:144] Re: LAT/LONG question
> Date: Wednesday, December 18, 1996 5:23 AM
>
> Carl WA0CQG wrote:
> > We are asking for
> > submittal of LAT/LONG info because it will drive the planned APRS
> > prsentations. We need your ideas about LAT/LONG .... does it really
> > consstitute a security risk and should it be excluded? Is a "grid square"
> > safer? What do you think? Post your thoughts here (REGIONAL_FREQ remailer)
> > for all to see.
>
> LAT/LONG can be useful information. The security issue can be minimized
> by not allowing the resolution to be too accurate, perhaps to no better
> than a couple of miles or so. Besides, if someone were bent on finding
> your system, they can easily find it with standard transmitter hunting
> techniques.
>
> Gary WB6YRU
> NCPA Pres.

15. Re: [REGIONAL_FREQ:145] Publish Backbone Info? I do in NC.

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 18 Dec 1996 13:42:07 -0600
To: regional_freq@tapr.org
Message-ID: <v03007808aeddf7383ebd@[208.134.134.42]>
Rendered body type: text/plain

Good point Gary.

Here is what I have in mind as to what data is posted and such.

Since the format is available, it is up to the each submitting group/person to determine what information will and will not be made available as to a full listing. If you don't want to publish your backbone freqs, then just list user access freqs. If you want your backbone freqs listed, then make sure the entry is made and as Gary comments, marked correctly in the notes.

One of the things we will be looking at later this year will be a format for establishing relationships between nodes and systems. The format will depend on several things, but the purpose will be that when we implement the java based display (realtime pan and zoom) for the database, we should be able to show relationships between nodes. Thus, a series of BBS systems in an area could be described as how mail is passed around, or a set of nodes could be shown to be interlinks for paths. Lots of potential here.

Just to give everyone an idea where we are at on the programming of the pages.

1. focus on getting the database merging code working. This is the code that takes different databases and generates a master format that is used to generate searches and table lookup in states by different areas.

2. get the access setup on the web site for groups to access their individual dirs by password to upload database information

3. Get the interface code written that will take the master database and display first pass of the states by different categorys

4. Get some test data to Steve Dimse, so he can begin to fab the javAPRS
interface for the display portion of the database.

As Carl Estey mentioned the other day, the big task was getting everyone to
the announcement that was made Monday and getting the first pass on the web
pages down. Now comes the second pass of the web pages.

This is going to be an ongoing project for sometime.

Cheers - Greg

>Carl mentioned that the NADSD will not publish backbone information. That's
>a question I struggled with (as we all have). I decided to publish the
>information, unless a sysop specifically requested that it not be
>published (none have requested that).
>
>The issue for me is network security, and I concluded that there really is
>none, beyond the willingness of individual hams to respect the goals of the
>network. A repeater might be able to hide a control channel, with
>infrequent, short transmissions. But repeaters and packet systems can't hide
>links that are on the air routinely, since everyone has systhesized radios.
>So everyone knows the link or backbone exists, but they might not know just
>what it's for.
>
>Publishing the frequency, and labeling it clearly, helps hams know what
>frequencies are in use, and for what purpose. The temptation of the
>"forbidden fruit" is reduced a bit as the mystery is eliminated. And
>packet's "claim" to spectrum is enhanced a bit as well.
>
>Just my 2¢.
>
>73, Season's Greetings,
>
>Gary KN4AQ
>Packet>East of NC
>--
>Gary Pearce   Avid/Video Editor   Internet:kn4aq.gary@mms.net
>116 Waterfall Ct.   Franklin Video
>Cary, NC 27513   Raleigh, NC
>919-380-9944   919-833-8888   Ham Radio: KN4AQ

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

16. Current NADSD Database Format

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 19 Dec 1996 17:24:26 -0600
To: regional_freq@tapr.org
Message-ID: <v0300782baedf78bef089@[208.134.134.42]>
Rendered body type: text/plain

Be sure to check: http://www.tapr.org/directory/how.html
for the latest information on the NADSD data format.

There is an example Excell file (v3.0) that can be used, if you want, under
the Examples link.

I believe that this is the final format for the first round data entries.
That the overview committee will entertain comments on year two formats
later in 1997.

We have the software in place to read the files in and generate the first
stage web pages, which is based on listings by city under state/regions.

The next programming step will be to allow users to request different
sorting preferences, which is just a matter of more code now that the HASH
table is setup and can be updated and read.

The next step after that will be to get the javAPRS display stuff in
position so that a graphical display will be possible for the entire
database!!

Very exciting times.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd

January 1997

Original source file: regional_freq.9701
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-01/REGIONAL_FREQ_1997-01.txt

1. Get your data lists ready!

From: Carl Estey <cestey@millcomm.com>
Date: Thu, 2 Jan 97 22:43 CST
To: REGIONAL_FREQ@tapr.org
Message-ID: <m0vg1TU-000MemC@mill2.millcomm.com>
Rendered body type: text/plain

As you know, the NADSD team is in the process of trying to get everyone who wishes to be a data provider registered (see http://www.tapr.org/directory for info and to register). Within a week we will contact those who have registered and provide info about how to FTP your files to us.

There are three things you need to do:

1.. If you haven't registered and want to be a data provider, sign up now!

2. Get your files ready. See http://www.tapr.org/directory for details on file format.

3. Check the list that follows - this is the list of data providers that I know about. If you have registered and aren't listed here, please advise me ASAP (WA0CQG@TAPR.ORG).

```
R       Jim Ketcham     KA4AFI
        AL
        Alabama Repeater Council

R       Michael Nettles KB5WBH
        AR (Northeast)
        NEAPAC

N       Dan Puckett     K5FXB
        AR
        Hognet  AR

N       Gary Mitchell   WB6YRU
        CA  (Northern)
        NCPA (Northern California Packet Assoc.)

N       Eric Williams   WD6CMU
        CA (Northern)
        N. CA BBS & DXPSN Packet Assoc.

ARRL    FADCA
        FL

R       Andy Smith      KE4CXT
              GA (Rome & Floyd County)
              Northwest Georgia ARC

R       Ralph Fowler    N4NEQ
        GA (APRS)
        SouthEastern APRS

R       John Amdor III  KD6MXL
        IA (W. Central)

N       Carl Bergstedt  K9VXW
        IL  (Chicago Area)
              CAPRA (Chicago Area Packet Radio Association)

N       Mark Thompson   WB9QZB
        IL (Northern)
        NIPRFC (Northern Illinois Packet Radio Frequency Council)

R       Stan Vandiver   W4SV
        IN (Northwest)
        DIGI

ARRL    MAINE
        ME
```

```
R       Bil Blick       W8EB
        MI (BBS)
        Great Lakes Packet Packet /BBS Club

N       Carl Estey      WA0CQG
        MN
        TwinsLAN ARC

N       Mel Whitten     K0PFX
        MO
        MoAmPS

R       Gary Pearce     KN4AQ
        NC

R       John Glowacki   WT3V
        NJ (Ocean County)
        Jersey Shore ARS

R       Brian Mileshosky N5ZGT
        NM
        New Mexico PRS

R       Hank Greeb      N8XX
        OH
              SWOH Digital Symposium

N       Steve Goff      N8IVX
        OH
              Ohio Area Repeater Council

                    R   Chuck Gessner   KC3ET
        PA (Western)

R       Gary Carlson    K0CVF
        SD (E. Central)
        Deuel County RC

R       Glenn Miller    AA5PK
        TX (West)
        San Angelo ARC

R       Walter Holmes   K5WH
        TX (Houston to Gulf Coast)
        Texas Coastal  Packet

R       Frank Aguilar   N5SSH
              TX Texas Packet Radio Society

N       Steve Stroh     N8GNJ
        WA (W, E.? BC?)
        Puget Sound AR TCP/IP Group

R       Peter Kallio    N7ENT
        WA (Puget Sound)
        Kitsap County Packet Radio Ass.

R       Dirk Johnson    N7WE
        WA (Western AX.25 & DXCluster)

R       William Davidson N8JXO
        WV
        Wood County WV RACES

R       Ron MacKay      VE1AIC
        CAN (NB, NS, PEI)
        Maritime F.C.

R       Ken Oelke       VE6AFO
        CAN (All)
        Radio Amateurs of  Canada

N       Tom Frenaye     K1KI
        ARRL Dir.,      ??
        Yankee Clipper Packet cluster node

R       Burt Lang       VE2BMQ
        TBD
        NEDA
```

The R indicates the person has registered, and the N indicates the person
has not registered but is part of the initial NADSD team.

All of the above have indicated they can provide digital communications
services data. The following lists have been forwarded by ARRL, reformatted
by Carl Estey and forwarded to the TAPR FTP site:
Maine(ME)
Florida (FL)
S. Nevada
Oregon (OR)
Minnesota (MN)
Quebec
Indiana (DIGI)

73
Carl Estey WA0CQG
NADSD Team Focal Point

2. RE: [REGIONAL_FREQ:150] Get your data lists ready!

From: Dave Daley <ddaley@adsnet.com>
Date: Fri, 3 Jan 1997 22:29:07 -0500
To: "'regional_freq@tapr.org'" <regional_freq@tapr.org>
Cc: "'Deegan, John K9XT'" <jdeegan@iquest.net>,
        "'Hartman, John N5AAA'"
 <jhartman@in.net>,
        "'Miller, Tim N9DKI'" <miller@ecn.purdue.edu>,
        "'Muncy, James'" <oldhack@skyenet.net>
Message-ID: <01BBF9C7.47109DA0@alice.adsnet.com>
Rendered body type: text/plain

Carl:

It seems the initial information we sent you must have been misplaced as IDEA was not on the list that
you sent out with this message. Thus I am resending the original messages for your reference.

de NU9H/Dave Daley, President
Indian Digital Experimenters Association (IDEA)

>>Hi Dave -

>>Got your note via Greg. Nice to see the good words and glad to have you on
>>board.

>>To add you to our North American Digital Listing (NADL) team database I will
>>need the following: Name, Callsign, U.S. Mail Address, Phone number(s),
>>e-mail address, group(s) you are associated with, and states you can provide
>>data for.

>>Again, welcome!

>>Carl - WA0CQG

>Hi Carl:

>Here is the info you requested.

>Tim Miller, N9DKI
>70 Woodmere Ct.
>LaFayette, IN 47905
>317 447-4048
>miller@ecn.purdue.edu

>Tim is associated with IDEA (Indiana Digital Experimenters Association), is the Chairman of >IDEA's
Frequency Coordinating Committee, and maintains the database for Indiana. Tim advises >that the database
 kept up to date and is available on the Purdue Radio Club homepage at
>http://purcell.ecn.purdue.edu/~w9yb/

>73....de NU9H/Dave
>President, IDEA

From: Carl Estey[SMTP:cestey@millcomm.com]
Sent: Thursday, January 02, 1997 5:49 PM

To: regional_freq@tapr.org
Subject: [REGIONAL_FREQ:150] Get your data lists ready!

Carl:

It seems the intitial information we sent you has been misplaced as IDEA was not on the list that you sent out with this message. Thus I am resending the original messages for your reference.

de NU9H/Dave Daley, President
Indian Digital Experimenters Association (IDEA)

>>Hi Dave -

>>Got your note via Greg. Nice to see the good words and glad to have you on
>>board.

>>To add you to our North American Digital Listing (NADL) team database I will
>>need the following: Name, Callsign, U.S. Mail Address, Phone number(s),
>>e-mail address, group(s) you are associated with, and states you can provide
>>data for.

>>Again, welcome!

>>Carl - WA0CQG

>Hi Carl:

>Here is the info you requested.

>Tim Miller, N9DKI
>70 Woodmere Ct.
>LaFayette, IN 47905
>317 447-4048
>miller@ecn.purdue.edu

>Tim is associated with IDEA (Indiana Digital Experimenters Association), is the Chairman of >IDEA's Frequency Coordinating Commitee, and maintains the database for Indiana. Tim advises >that the datadbase kept up to date and is available on the Purdue Radio Club homepage at
>http://purcell.ecn.purdue.edu/~w9yb/

>73....de NU9H/Dave
>President, IDEA

3. Re: [REGIONAL_FREQ:151] RE: Get your data lists ready!

From: Carl Estey <cestey@millcomm.com>
Date: Sat, 4 Jan 97 00:46 CST
To: regional_freq@tapr.org
Message-ID: <m0vgPsK-000MfBC@mill2.millcomm.com>
Rendered body type: text/plain

Hi Dave -

It looks like you never formally registered on the TAPR page
(http://www.tapr.org/directory)

What you gave us was the info for the initial people interested in forming
the NADSD group. I sent a message asking everyone to register using the web
page sign-up but must have missed you. Sorry.

When you register IDEA, I will get a copy automatically and add that info to
the "official" list which we will use to notify folks when we are ready for
them to FTP their data to us. As my note on the regioinal_freq reflector
said, we are getting close to opening the floodgates.

73

Carl

4. Get ready

From: Carl Estey <cestey@millcomm.com>
Date: Sat, 4 Jan 97 14:23 CST
To: regional_freq@tapr.org
Message-ID: <m0vgcct-000MefC@mill2.millcomm.com>
Rendered body type: text/plain

Hello folks -

Some things have become clear in the messages I have gotten from some of you
in the last few days concerning the North American Digital Service Directory
(NADSD). I would like to share some thoughts will all of you.

1. Do NOT send me your lists. Hold them until you get an email from me
which will give the FTP address and directory to use. Lists sent to me now
waste your efforts.

2. If you want to be a data submitter for the NADSD, you need to register
at the TAPR url: http://www.tapr.org/directory/partrequest.html
If you haven't registered, even though you and I may have exchanged email,
please do so now.

3. Remember that whatever you send in your list WILL be published! So if
you don't want lat/long or backbone frequencies listed, don't send that info.

4. We prefer, when possible, that individuals to do send me or the FTP site
info - but rather, that they work with Regional Groups. Should this not be
an option, we will accept data from individuals.

5. The first edition of the NADSD may have duplicate listings because there
were two submitters sending the same data. Thats OK - we will get rid of
the dupes later - better to have a few dupes rather than miss something.

6. We badly need data providers for:
ALASKA
HAWAII
IDAHO
KENTUCKY
LOUISIANA
MASSACHUSETTS
MISSISSIPPI
MONTANA
NEBRASKA
NEVADA
NEW YORK
NORTH DAKOTA
OKLAHOMA
OREGON
PENNSYLVANIA (ALL EXCEPT WESTERN AND CENTER CITY PHILADELPHIA))
RHODE ISLAND
TENNESSSE
UTAH
VERMONT
VIRGINIA (ALL EXCEPT NORTHERN)
WYOMING

7. All digital communications services (excluding personal mail drops)
should be listed in the NADSD.

73
Carl - WA0CQG
NADSD Focal Point

5. Registering as NADSD provider

From: Carl Estey <cestey@millcomm.com>
Date: Mon, 6 Jan 97 23:02 CST
To: REGIONAL_FREQ@tapr.org
Message-ID: <m0vhTfs-000MfgC@mill2.millcomm.com>
Rendered body type: text/plain

We are nearing the time when we will notify everyone who has registered and
been accepted as a provider of data for the North American Data Services
Directory. Only these people will be notified when we are ready for them to
FTP their files to us. If you wish to provide data for the NADSD and
haven't registered at url:
http://www.tapr.org/directory please do so ASAP - time is running out.

Carl - WA0CQG

6. NADSD status - 2/27/97

From: cestey@millcomm.com (Carl Estey)
Date: Mon, 27 Jan 1997 14:01:35 -0600
To: regional_freq@tapr.org
Message-ID: <m0voxEP-000MgoC@mill2.millcomm.com>
Rendered body type: text/plain

A number of you have inquired as to why you haven't heard anything from the
NADSD Team. The following is part of a reply I made to one such iquiry and

I want to share it with you in case you have concerns .....

Why haven't you heard anything? Simple. The NADSD team is busy making good things happen behind the scenes right now.. Be assured that if you have registered as a NADSD data provider, you will get an e-mail with the FTP instructions, directory name and password when we are ready to have you send your data. We are not ready for that yet and are still registering data providers. At this moment there are 64 registered data providers.

The task of the TAPR NADSD team is to build a fully automated system that will accept your data and put it in an organized list for all to see. When TAPR and ARRL made the joint announcement around the 1st of December, we knew how to set up such a system but hadn't actually created it. Prior to the ARRL decision made on November 18th, there was no need for TAPR to have such a system.

Now, we are very close. The on-line pages are done. Nine test files for a few areas have been uploaded to test the data display - and that works. What our software guys are wrestling with is the system using FTP that allows you to upload anytime to your own dedicated directory that only you have access to and is password protected. By doing it this way, no one has to go through your stuff and do anything. That makes YOU responsible for it. But that also makes more work now. Eight weeks after we agreed to do this job, we are almost ready to say "SEND" to everyone.

I sure hope you and everyone else aren't waiting to prepare your data until they get the message to "send" from us because we hope everyone has used the time to prepare their lists and they are ready to go. Why??? Because the TAPR CD-ROM goes to press in 4 weeks and we have room blocked out in it for the NADSD. Missing this opportunity means we wait a year. And we don't want to do that.

Remember, please, that there may be duplication of listings - particularly in this first list. And that is ok. We hope that the contributors of duplicate data will work among themselves to determine whose data will be removed and whose will remain. I want to restate here that TAPR does not endorse anyone or any group as the official representative for a particular area - we are solely interested only in providing accurate listing of Digital Systems in North America.

If you want a sneak preview of how the data will look check out url: http://www.tapr.org/directory and look at the listings for Maine, Quebec, Florida, S. Nevada, or Minnesota. These are a few we manually loaded to test with.

Thanks for your understanding and support,

Carl WA0CQG
TAPR NADSD Team Focal Point

Carl Estey, Amateur Radio Station WA0CQG
10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area

7. NESMC

From: Ken Chilton <chilton@emc.com>
Date: Mon, 27 Jan 1997 15:26:33 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <199701272026.PAA04143@lss1074.lss.emc.com>
Rendered body type: text/plain

Carl,

I would like to introduce NESMC as the data submitter for Maine, New Hampshire, Massachusetts, and Rhode Island.

Specifically, data for listing will come from:

6m:	Alan Tasker, WA1NYR
2m:	Bob Skinner, WA1YEG
220MHz:	Tom Greenwood, N1JQB
440MHz:	John Brunelle, KA1FYB
900MHz+:	Lewis D. Collins, W1GXT

You may contact me with any problems.
I will keep you posted with changes.

Thanks,
Ken Chilton, KA1TIH
NESMC NFCC Representative

8. Re: [REGIONAL_FREQ:156] NESMC

From: cestey@millcomm.com (Carl Estey)
Date: Mon, 27 Jan 1997 15:16:47 -0600
To: regional_freq@tapr.org
Cc: frenaye@pcnet.com, w1eo@gw.ri.ultranet.com, ve2bmq@amsat.org
Message-ID: <m0voyPB-000MhAC@mill2.millcomm.com>
Rendered body type: text/plain

Hi Ken -

Thanks for your note and willingness to provide data for Maine, New Hampshire, Massachusetts and Rhode Island. There are several data contributors registered for these areas who have indicated they will supply data for the same areas. I am including a list of these individuals/organizations and their e-mmail addresses so you can coordinate with them to eliminate potential overlap. They are receiving a copy of this note too.

Tom Frenaye K1KI
CT (PacketCluster for CT, ME, MA, NH, part of NY & PA, RI)
frenaye@pcnet.com
Yankee Clipper Contest Club Sysops Assoc.
POB 386
West Suffield, CT 06093
info@yccc.org
Scuttlebutt

David Willard W1EO
CT, MA, ME, NH, NY, RI, VT
w1eo@gw.ri.ultranet.com
North East TCP Assoc. (NETCPA)
39 Long Ridge Rd.,
Carlisle, MA 01741
netcpa@gw.ri.ultranet.com

ARRL MAINE
ME (A list in electronic format sebt ti ARRL - on NADSD now)

R Burt Lang VE2BMQ
ME, NH, MA, VT, Partial NY, QUE (SW QC), ON (East)
ve2bmq@amsat.org
North East Digital Association (NEDA)
POB 563
Manchester, NH 03105-0563
ve2bmq@amsat.org
NEDA Report

It is important that you visit the web site and register as a data provder.

Thanks for you interest!

Best wishes,

Carl WA0CQG

>Carl,
>
>I would like to introduce NESMC as the data submitter for Maine, New
>Hampshire, Massachusetts, and Rhode Island.
>
>Specifically, data for listing will come from:
>
> 6m: Alan Tasker, WA1NYR
> 2m: Bob Skinner, WA1YEG
> 220MHz: Tom Greenwood, N1JQB
> 440MHz: John Brunelle, KA1FYB
> 900MHz+: Lewis D. Collins, W1GXT
>
>You may contact me with any problems.
>I will keep you posted with changes.
>
>Thanks,
>Ken Chilton, KA1TIH

>NESMC NFCC Representative
>
>
>
Carl Estey, Amateur Radio Station WA0CQG
10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area

February 1997

Original source file: regional_freq.9702
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-02/REGIONAL_FREQ_1997-02.txt

1. Data Formats

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Sun, 2 Feb 1997 02:33:30 -0600
To: "Dan Puckett"<regional_freq@tapr.org>
Message-ID: <v03020750af1a017deca8@[208.134.134.40]>
Rendered body type: text/plain

```
Just a reminder.  The STATE entry must be in a TWO LETTER format as
outlined in the format.

If you spell out state name or misspell the abbrev, then the system will
not see the data.

Cheers - Greg

-----
Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----
```

2. (no subject)

From: "Andy Smith" <kasmit@mindspring.com>
Date: Sun, 2 Feb 1997 20:08:14 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702030108.UAA102358@mule1.mindspring.com>
Rendered body type: text/plain

```
SUBSCRIBE
```

3. Question

From: Dave Land <daveland@pcok.com>
Date: Sun, 02 Feb 1997 21:46:02 -0800
To: regional_freq@tapr.org, list@olympic.brigadoon.com
Message-ID: <32F57B9A.BB@pcok.com>
Rendered body type: text/plain

```
From: Oklahoma DX Assn.
e-mail: daveland@pcok.com

Ftp Login: Noklahoma_dx

I tried to upload some data to my directory tonight but couldn't get it
to show up when I select OK on the map. I have some ASCII TAB delimited
data (just a couple of lines as a test) on your ftp site and I tried the
name 'ok.txt' and 'ok.htm' without success. Does it require a special
file name? or what?
What am I doing wrong?
Thanks, Dave
--
**************************************************
*  David Land      Amateur Radio Station: KD5FX    *
*  Email: daveland@pcok.com (home)                 *
*  Email: david.r.land@conoco.dupont.com (work)    *
*  myhomepage:http://www.pcok.com/~daveland        *
*  Kay County Amateur Radio Club homepage          *
*    http://www.pcok.com/~n5xdn/kay.html           *
*  Oklahoma DX Association WWW Site                *
*    http://www.pcok.com/~n5ogp/okdxa/             *
*  No God? No hope? Know God, know hope!           *
**************************************************
```

4. Re: [REGIONAL_FREQ:160] Question

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Sun, 2 Feb 1997 22:08:24 -0600
To: regional_freq@tapr.org
Message-ID: <v03007804af1b148b5c43@[208.134.134.40]>
Rendered body type: text/plain

Your file needs to be TAB delimited. The file on the system has only
spaces between the fields.

How are you saving the file before uploading ?

The way the system works, any file name in the directory which is yours
will work. The file ncok.txt is being read fine, it just that when the
program goes to split the fields out, it only sees one field and ignoes the
records.

Cheers - Greg

>From: Oklahoma DX Assn.
>e-mail: daveland@pcok.com
>
>I tried to upload some data to my directory tonight but couldn't get it
>to show up when I select OK on the map. I have some ASCII TAB delimited
>data (just a couple of lines as a test) on your ftp site and I tried the
>name 'ok.txt' and 'ok.htm' without success. Does it require a special
>file name? or what?
>What am I doing wrong?
>Thanks, Dave
>--
>**
>* David Land   Amateur Radio Station: KD5FX   *
>* Email: daveland@pcok.com (home)   *
>* Email: david.r.land@conoco.dupont.com (work)   *
>* myhomepage:http://www.pcok.com/~daveland   *
>* Kay County Amateur Radio Club homepage   *
>*   http://www.pcok.com/~n5xdn/kay.html   *
>* Oklahoma DX Association WWW Site   *
>*   http://www.pcok.com/~n5ogp/okdxa/   *
>* No God? No hope? Know God, know hope!   *
>**

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

5. Re: [REGIONAL_FREQ:158] REGIONAL_FREQ digest 66

From: "R. Steven Thing" <rsthing@server.nlbbs.com>
Date: Mon, 3 Feb 1997 10:29:54 -0500
To: regional_freq@tapr.org
Message-ID: <199702031529.KAA11106@server.nlbbs.com>
Rendered body type: text/plain

At 02:39 AM 2/2/97 -0600, you wrote:
>   REGIONAL_FREQ Digest 66
>
>Topics covered in this issue include:
>
> 1) Data Formats
>   by "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
>

        ... and so on ...

I guess I really do not need to be receiving this each time, so would you
please remove me from this "outgoing" list. I'd do it myself, ... but
frankly, ... I don't remember exactly how I got onto this in the first place
... do recall poking around the TAPR web page looking for the new directory
of digital nodes.... suspect I clicked on something I didn't need.

        Thanks!

                73

                                    Steven, W1ZW (often on HF RTTY)

6. Re: [REGIONAL_FREQ:162] Re: REGIONAL_FREQ digest 66

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 3 Feb 1997 13:31:29 -0600
To: regional_freq@tapr.org

Message-ID: <v03007806af1bed76453d@[208.134.134.40]>
Rendered body type: text/plain

Hi,

You send e-mail to listserv@tapr.org

in the message of the body, you put
unsub regional_freq

Cheers - Greg

>At 02:39 AM 2/2/97 -0600, you wrote:
>>   REGIONAL_FREQ Digest 66
>>
>>Topics covered in this issue include:
>>
>> 1) Data Formats
>>   by "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
>>
>
>   ... and so on ...
>
>
>I guess I really do not need to be receiving this each time, so would you
>please remove me from this "outgoing" list. I'd do it myself, ... but
>frankly, ... I don't remember exactly how I got onto this in the first place
>.. do recall poking around the TAPR web page looking for the new directory
>of digital nodes.... suspect I clicked on something I didn't need.
>
>   Thanks!
>
>   73
>
>   Steven, W1ZW (often on HF RTTY)

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

7. Looking for people

From: cestey@millcomm.com (Carl Estey)
Date: Mon, 03 Feb 1997 15:14:00 -0600
To: regional_freq@tapr.org
Message-ID: <m0vrVhH-000Mh7C@mill2.millcomm.com>
Rendered body type: text/plain

I need corrected email addresses for the following NADSD data contributors:

Harvey Shore   K6EXO
RIchard Hallman N7TR
Alan Day   K8AL
C. Hoch   WU3I
Peter Kallio   N7ENT
Ron MacKay   VE1AIC
Ken Oelke   VE6AFO

The e-mail announcement saying that we are ready to start the FTP uploading
was sent to all participants yesterday and was returned as "undeliverable"
for the listed stataions. Any help you can give in locating E-mail
addresses for these folks will be greatly appreciated.

Carl - WA0CQG
Carl Estey, Amateur Radio Station WA0CQG
10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area

8. Re: [REGIONAL_FREQ:161] Re: Question

From: "Richard F. Garcia" <n2czf@magg.net>
Date: Mon, 3 Feb 1997 18:23:41 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702032325.SAA04162@grumpy.magg.net>
Rendered body type: text/plain

Well I have attempted myself and struck out also. I took the example.xls
file from the web page and filled it in using Excel 7.0. After that I saved
it as TAB Delimited (flaprs.xls) and uploaded it to my ftp section. Now I
do not know in what subdirectory it must be in but I uploaded it to the
root since I was not told otherwise and could not see a better choice.

When I click on FL I get the old data that was entered as an example from
the ARRL Directory.

> From: Greg Jones, WD5IVD <wd5ivd@tapr.org>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:161] Re: Question
> Date: Sunday, February 02, 1997 11:02 PM
>
> Your file needs to be TAB delimited. The file on the system has only
> spaces between the fields.
>
> How are you saving the file before uploading ?
>
> The way the system works, any file name in the directory which is yours
> will work. The file ncok.txt is being read fine, it just that when the
> program goes to split the fields out, it only sees one field and ignoes
the
> records.
>
> Cheers - Greg
>
> >From: Oklahoma DX Assn.
> >e-mail: daveland@pcok.com
> >
> >I tried to upload some data to my directory tonight but couldn't get it
> >to show up when I select OK on the map. I have some ASCII TAB delimited
> >data (just a couple of lines as a test) on your ftp site and I tried the
> >name 'ok.txt' and 'ok.htm' without success. Does it require a special
> >file name? or what?
> >What am I doing wrong?
> >Thanks, Dave
> >--
> >**
> >* David Land   Amateur Radio Station: KD5FX   *
> >* Email: daveland@pcok.com (home)   *
> >* Email: david.r.land@conoco.dupont.com (work)   *
> >* myhomepage:http://www.pcok.com/~daveland   *
> >* Kay County Amateur Radio Club homepage   *
> >*   http://www.pcok.com/~n5xdn/kay.html   *
> >* Oklahoma DX Association WWW Site   *
> >*   http://www.pcok.com/~n5ogp/okdxa/   *
> >* No God? No hope? Know God, know hope!   *
> >**
>
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>

9. Re: [REGIONAL_FREQ:165] Re: Question

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 3 Feb 1997 17:50:07 -0600
To: regional_freq@tapr.org
Message-ID: <v03007809af1c29725de4@[208.134.134.40]>
Rendered body type: text/plain

The system only updates every 3 hours at 20 past the hour starting at
midnight. Next change will be at 6:20 CT.

Also, don't forget that if you have the page loaded in your cache, that you
will have to "reload" the page to update the information after it is
changed.

Greg

>Well I have attempted myself and struck out also. I took the example.xls

>file from the web page and filled it in using Excel 7.0. After that I saved
>it as TAB Delimited (flaprs.xls) and uploaded it to my ftp section. Now I
>do not know in what subdirectory it must be in but I uploaded it to the
>root since I was not told otherwise and could not see a better choice.
>
>When I click on FL I get the old data that was entered as an example from
>the ARRL Directory.
>
>
>----------
>> From: Greg Jones, WD5IVD <wd5ivd@tapr.org>
>> To: regional_freq@tapr.org
>> Subject: [REGIONAL_FREQ:161] Re: Question
>> Date: Sunday, February 02, 1997 11:02 PM
>>
>> Your file needs to be TAB delimited. The file on the system has only
>> spaces between the fields.
>>
>> How are you saving the file before uploading ?
>>
>> The way the system works, any file name in the directory which is yours
>> will work. The file ncok.txt is being read fine, it just that when the
>> program goes to split the fields out, it only sees one field and ignoes
>the
>> records.
>>
>> Cheers - Greg
>>
>> >From: Oklahoma DX Assn.
>> >e-mail: daveland@pcok.com
>> >
>> >I tried to upload some data to my directory tonight but couldn't get it
>> >to show up when I select OK on the map. I have some ASCII TAB delimited
>> >data (just a couple of lines as a test) on your ftp site and I tried the
>> >name 'ok.txt' and 'ok.htm' without success. Does it require a special
>> >file name? or what?
>> >What am I doing wrong?
>> >Thanks, Dave
>> >--
>> >**
>> >* David Land   Amateur Radio Station: KD5FX   *
>> >* Email: daveland@pcok.com (home)   *
>> >* Email: david.r.land@conoco.dupont.com (work)   *
>> >* myhomepage:http://www.pcok.com/~daveland   *
>> >* Kay County Amateur Radio Club homepage   *
>> >*   http://www.pcok.com/~n5xdn/kay.html   *
>> >* Oklahoma DX Association WWW Site   *
>> >*   http://www.pcok.com/~n5ogp/okdxa/   *
>> >* No God? No hope? Know God, know hope!   *
>> >**
>>
>>
>> -----
>> Greg Jones, WD5IVD
>> Austin, Texas
>> wd5ivd@tapr.org
>> http://www.tapr.org/~wd5ivd
>> -----
>>

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

10. Re: [REGIONAL_FREQ:164] Looking for people

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Mon, 3 Feb 1997 22:32:24 -0400
To: regional_freq@tapr.org
Message-ID: <199702040232.WAA16003@bud.peinet.pe.ca>
Rendered body type: text/plain

>I need corrected email addresses for the following NADSD data contributors:
>
>Harvey Shore   K6EXO
>RIchard Hallman N7TR

>Alan Day   K8AL
>C. Hoch   WU3I
>Peter Kallio   N7ENT
>Ron MacKay   VE1AIC
>Ken Oelke   VE6AFO
>
>The e-mail announcement saying that we are ready to start the FTP uploading
>was sent to all participants yesterday and was returned as "undeliverable"
>for the listed stataions. Any help you can give in locating E-mail
>addresses for these folks will be greatly appreciated.
>
>Carl - WA0CQG
>Carl Estey, Amateur Radio Station WA0CQG
>10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
>E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
>Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area
>
>
Carl I dont know why my address would bounce back as its been working fine.
Perhaps my ISP is changing again. My original address is:
rmackay@peinet.pe.ca
but the following should work too and may actually what the ISP is changing to:
rmackay@cycor.ca

73 - Ron

Ron Mackay   Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Box 188 Cornwall, PE   E-mail: rmackay@peinet.pe.ca
Canada   or   mackayr@charlottetown.cbc.ca

C0A 1H0   WWW: http://www.geocities.com/CapeCanaveral/7970
----

11. Question

From: "Andy Smith" <kasmit@mindspring.com>
Date: Mon, 3 Feb 1997 21:57:11 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702040257.VAA66754@mule1.mindspring.com>
Rendered body type: text/plain

I noticed in the Arkansas listings that some contact fields are e-mail
links. How might I incorporate such a link in our listing?

Regards,
Andy
Northwest GA ARC

12. Re: [REGIONAL_FREQ:168] Question

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 3 Feb 1997 22:36:45 -0600
To: regional_freq@tapr.org
Message-ID: <v0300780eaf1c6d374e94@[208.134.134.40]>
Rendered body type: text/plain

If you fill in the correct fields (i.e. the e-mail address at the end), the
system takes those into account and generates the link.

Cheers - Greg

>I noticed in the Arkansas listings that some contact fields are e-mail
>links. How might I incorporate such a link in our listing?
>
>Regards,
>Andy
>Northwest GA ARC

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

13. Digital Web-based Directory is real

From: Carl Estey <cestey@millcomm.com>
Date: Tue, 4 Feb 97 06:32 CST
To: regional_freq@tapr.org

Cc: jmabey@arrl.org
Message-ID: <1.5.4.16.19970204122152.188f6612@millcomm.com>
Rendered body type: text/plain

After less than 24 hours since the TAPR NADSD team sent notice to the 65 registered data providers that the on-web site was ready for uploading data, many States now have data ready for you to view on the TAPR Web site. It is exciting to see the terrific interest in this project - and the immediate response of so many database keepers and digital coordinators. To each of you - a BIG thanks.

If you haven't visit the web site, take a few minutes to browse around at http://www.tapr.org/directory

Also, a BIG thanks to TAPR President Greg Jones, WD5IVD who has had the vision and drive to carry this project forward. Behind the scenes, Greg has created the database, entered all the group info and established the directories for each group. This project would not have happened without him. Thanks, Greg!

Since the data providers have no limits on how often they up-date their info, you should periodically check for new listings in the areas you are interested in.

Oh yes .... we still need people to provide data. Look over the participants State list - if there is no coverage shown in your area, please consider registering and becoming a NADSD data provider. See the web site for details.

The only problems we have discovered have resulted from providers not following the field definitions described on the web site. The database looks for things at a particular place and in a specific sequence - anything else results in your listings looking badly.

We look forward to seeing your data on the North American Digital Systems Directory (NADSD).

Best Wishes
The TAPR NADSD Team

14. re: [REGIONAL_FREQ:163] Re: REGIONAL_FREQ digest 66

From: Rich Hallman N7TR <n7tr@rnodx.org>
Date: Tue, 4 Feb 1997 05:34:19 -0800
To: regional_freq@tapr.org
Message-ID: <BMSMTP8550631802Phallman@mail.greatbasin.net>
Rendered body type: text/plain

On the TAPR Web Site for Northern Nevada, Please change my Email
from n7tr@MODX.ORG to n7tr@RNODX.ORG
Thanks!

> From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>, on 2/4/97 5:24 AM:
> Hi,
>
> You send e-mail to listserv@tapr.org
>
> in the message of the body, you put
> unsub regional_freq
>
> Cheers - Greg
>
> >At 02:39 AM 2/2/97 -0600, you wrote:
> >>   REGIONAL_FREQ Digest 66
> >>
> >>Topics covered in this issue include:
> >>
> >> 1) Data Formats
> >>   by "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
> >>
> >
> >   ... and so on ...
> >
> >
> >I guess I really do not need to be receiving this each time, so would you
> >please remove me from this "outgoing" list. I'd do it myself, ... but
> >frankly, ... I don't remember exactly how I got onto this in the first
place
> >.. do recall poking around the TAPR web page looking for the new directory
> >of digital nodes.... suspect I clicked on something I didn't need.

> >
> >   Thanks!
> >
> >   73
> >
> >   Steven, W1ZW (often on HF RTTY)
>
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>
>
>
>
> **
Richard Hallman   N7TR@RNODX.ORG
11870 Heartpine St   "Big is good...Tall is better!"
Reno NV 89506   ex: KI3V, A92FN, HL9RH, KI3V/VP9
702 677-1106   /WP4, /HP, /VO2, N3AMK
****
[Attachment: ATTRIBS.BND; application/octet-stream; 2,943 bytes]

15. re: [REGIONAL_FREQ:164] Looking for people

From: Rich Hallman N7TR <n7tr@rnodx.org>
Date: Tue, 4 Feb 1997 05:35:49 -0800
To: regional_freq@tapr.org
Message-ID: <BMSMTP8550633024Phallman@mail.greatbasin.net>
Rendered body type: text/plain

Hmmm Thats why I didnt get an initial message....

Try N7TR@RNODX.ORG not MODX.ORG

> From: cestey@millcomm.com (Carl Estey), on 2/4/97 5:24 AM:
> I need corrected email addresses for the following NADSD data contributors:
>
> Harvey Shore   K6EXO
> RIchard Hallman N7TR
> Alan Day   K8AL
> C. Hoch   WU3I
> Peter Kallio   N7ENT
> Ron MacKay   VE1AIC
> Ken Oelke   VE6AFO
>
> The e-mail announcement saying that we are ready to start the FTP uploading
> was sent to all participants yesterday and was returned as "undeliverable"
> for the listed stataions. Any help you can give in locating E-mail
> addresses for these folks will be greatly appreciated.
>
> Carl - WA0CQG
> Carl Estey, Amateur Radio Station WA0CQG
> 10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
> E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
> Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area
>
>
>
> **
Richard Hallman   N7TR@RNODX.ORG
11870 Heartpine St   "Big is good...Tall is better!"
Reno NV 89506   ex: KI3V, A92FN, HL9RH, KI3V/VP9
702 677-1106   /WP4, /HP, /VO2, N3AMK
****

16. Re: Question (updating?)

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Tue, 04 Feb 97 16:11:30 CST
To: regional_freq@tapr.org
Message-ID: <314642@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

I can't get the Alabama file to update.
TAB delimited - yes.
saved as text - yes.
waited past a couple of 3 hour update cycles - yes.

reloaded Netscape's cache - yes.

I have uploaded a changed file twice and I only see
the first file...

+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

17. Re: [REGIONAL_FREQ:166] Re: Question

From: "Richard F. Garcia" <n2czf@magg.net>
Date: Tue, 4 Feb 1997 18:03:36 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702042305.SAA19798@grumpy.magg.net>
Rendered body type: text/plain

OK I have made some changes on my file now for another question. The sample
files that were on the page before I even updated with my file has a few
incorrect entrys. What file can I download to make the changes and upload
it back in ?

> From: Greg Jones, WD5IVD <wd5ivd@tapr.org>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:166] Re: Question
> Date: Monday, February 03, 1997 6:44 PM
>
> The system only updates every 3 hours at 20 past the hour starting at
> midnight. Next change will be at 6:20 CT.
>
> Also, don't forget that if you have the page loaded in your cache, that
you
> will have to "reload" the page to update the information after it is
> changed.
>
>
> Greg
>
> >Well I have attempted myself and struck out also. I took the example.xls
> >file from the web page and filled it in using Excel 7.0. After that I
saved
> >it as TAB Delimited (flaprs.xls) and uploaded it to my ftp section. Now
I
> >do not know in what subdirectory it must be in but I uploaded it to the
> >root since I was not told otherwise and could not see a better choice.
> >
> >When I click on FL I get the old data that was entered as an example
from
> >the ARRL Directory.
> >
> >
> >----------
> >> From: Greg Jones, WD5IVD <wd5ivd@tapr.org>
> >> To: regional_freq@tapr.org
> >> Subject: [REGIONAL_FREQ:161] Re: Question
> >> Date: Sunday, February 02, 1997 11:02 PM
> >>
> >> Your file needs to be TAB delimited. The file on the system has only
> >> spaces between the fields.
> >>
> >> How are you saving the file before uploading ?
> >>
> >> The way the system works, any file name in the directory which is
yours
> >> will work. The file ncok.txt is being read fine, it just that when
the
> >> program goes to split the fields out, it only sees one field and
ignoes
> >the
> >> records.
> >>
> >> Cheers - Greg
> >>
> >> >From: Oklahoma DX Assn.
> >> >e-mail: daveland@pcok.com
> >> >
> >> >I tried to upload some data to my directory tonight but couldn't get

```
it
> >> >to show up when I select OK on the map. I have some ASCII TAB
delimited
> >> >data (just a couple of lines as a test) on your ftp site and I tried
the
> >> >name 'ok.txt' and 'ok.htm' without success. Does it require a special
> >> >file name? or what?
> >> >What am I doing wrong?
> >> >Thanks, Dave
> >> >--
> >> >**************************************************
> >> >*  David Land      Amateur Radio Station: KD5FX    *
> >> >*  Email: daveland@pcok.com (home)                 *
> >> >*  Email: david.r.land@conoco.dupont.com (work)    *
> >> >*  myhomepage:http://www.pcok.com/~daveland        *
> >> >*  Kay County Amateur Radio Club homepage          *
> >> >*    http://www.pcok.com/~n5xdn/kay.html           *
> >> >*  Oklahoma DX Association WWW Site                *
> >> >*    http://www.pcok.com/~n5ogp/okdxa/             *
> >> >*  No God? No hope? Know God, know hope!           *
> >> >**************************************************
> >>
> >>
> >> -----
> >> Greg Jones, WD5IVD
> >> Austin, Texas
> >> wd5ivd@tapr.org
> >> http://www.tapr.org/~wd5ivd
> >> -----
> >>
>
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>
```

18. Re: [REGIONAL_FREQ:173] Re: Question (updating?)

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 4 Feb 1997 19:15:17 -0600
To: regional_freq@tapr.org
Message-ID: <v03020709af1d8c78e096@[208.134.134.40]>
Rendered body type: text/plain
```

Hum. The system is adding entires. We went from 920 this morning to over 1500 this evening. The following cities are showing up under alabama

```
Auburn,AL,1
Auburn,AL,2
Birmingham,AL,3
Enterprise,AL,4
Huntsville,AL,5
Mobile,AL,6
Mobile,AL,7
```

After looking at the system, for some reason when the root runs the process it is seeing all the latest data (as seen in my .out file) but is not writing the new pages in the web area. Let me check the premissions, I probably have some simple error here.

A few little things to work out.

I am going to make a change and run the system by hand, which will update everything. Then I'll continue to watch the system to see if it is running okay.

Cheers - Greg

```
>I can't get the Alabama file to update.
>TAB delimited - yes.
>saved as text - yes.
>waited past a couple of 3 hour update cycles - yes.
>reloaded Netscape's cache - yes.
>
>I have uploaded a changed file twice and I only see
>the first file...
```

>
>+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
> 73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
> WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
>+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

19. Re: [REGIONAL_FREQ:174] Re: Question

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 4 Feb 1997 19:19:44 -0600
To: regional_freq@tapr.org
Message-ID: <v0302070caf1d904cc734@[208.134.134.40]>
Rendered body type: text/plain

Hi Rich. Not sure what you are trying to do.

If you have updated your file locally on your machine, then you just need
to ftp to your area, delete the file in your area that you want to replace
and then upload the updated file.

That is all that is required to update your information. YOu just want to
make sure that there are not duplicate files with the same information.
The system reads all files in your area, so if there are two files with the
same information, all the info would show up twice.

Cheers - Greg

>OK I have made some changes on my file now for another question. The sample
>files that were on the page before I even updated with my file has a few
>incorrect entrys. What file can I download to make the changes and upload
>it back in ?
>
>
>----------
>> From: Greg Jones, WD5IVD <wd5ivd@tapr.org>
>> To: regional_freq@tapr.org
>> Subject: [REGIONAL_FREQ:166] Re: Question
>> Date: Monday, February 03, 1997 6:44 PM
>>
>> The system only updates every 3 hours at 20 past the hour starting at
>> midnight. Next change will be at 6:20 CT.
>>
>> Also, don't forget that if you have the page loaded in your cache, that
>you
>> will have to "reload" the page to update the information after it is
>> changed.
>>
>>
>> Greg
>>
>> >Well I have attempted myself and struck out also. I took the example.xls
>> >file from the web page and filled it in using Excel 7.0. After that I
>saved
>> >it as TAB Delimited (flaprs.xls) and uploaded it to my ftp section. Now
>I
>> >do not know in what subdirectory it must be in but I uploaded it to the
>> >root since I was not told otherwise and could not see a better choice.
>> >
>> >When I click on FL I get the old data that was entered as an example
>from
>> >the ARRL Directory.
>> >
>> >
>> >----------
>> >> From: Greg Jones, WD5IVD <wd5ivd@tapr.org>
>> >> To: regional_freq@tapr.org
>> >> Subject: [REGIONAL_FREQ:161] Re: Question
>> >> Date: Sunday, February 02, 1997 11:02 PM
>> >>
>> >> Your file needs to be TAB delimited. The file on the system has only
>> >> spaces between the fields.
>> >>

>> >> How are you saving the file before uploading ?
>> >>
>> >> The way the system works, any file name in the directory which is
>yours
>> >> will work. The file ncok.txt is being read fine, it just that when
>the
>> >> program goes to split the fields out, it only sees one field and
>ignoes
>> >the
>> >> records.
>> >>
>> >> Cheers - Greg
>> >>
>> >> >From: Oklahoma DX Assn.
>> >> >e-mail: daveland@pcok.com
>> >> >
>> >> >I tried to upload some data to my directory tonight but couldn't get
>it
>> >> >to show up when I select OK on the map. I have some ASCII TAB
>delimited
>> >> >data (just a couple of lines as a test) on your ftp site and I tried
>the
>> >> >name 'ok.txt' and 'ok.htm' without success. Does it require a special
>> >> >file name? or what?
>> >> >What am I doing wrong?
>> >> >Thanks, Dave
>> >> >--
>> >> >**
>> >> >* David Land   Amateur Radio Station: KD5FX   *
>> >> >* Email: daveland@pcok.com (home)   *
>> >> >* Email: david.r.land@conoco.dupont.com (work)   *
>> >> >* myhomepage:http://www.pcok.com/~daveland   *
>> >> >* Kay County Amateur Radio Club homepage   *
>> >> >*   http://www.pcok.com/~n5xdn/kay.html   *
>> >> >* Oklahoma DX Association WWW Site   *
>> >> >*   http://www.pcok.com/~n5ogp/okdxa/   *
>> >> >* No God? No hope? Know God, know hope!   *
>> >> >**
>> >>
>> >>
>> >> -----
>> >> Greg Jones, WD5IVD
>> >> Austin, Texas
>> >> wd5ivd@tapr.org
>> >> http://www.tapr.org/~wd5ivd
>> >> -----
>> >>
>>
>>
>> -----
>> Greg Jones, WD5IVD
>> Austin, Texas
>> wd5ivd@tapr.org
>> http://www.tapr.org/~wd5ivd
>> -----
>>

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

20. Need some Testing Input

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 4 Feb 1997 19:35:36 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0302070eaf1d91440198@[208.134.134.40]>
Rendered body type: text/plain

Please take a look at http://www.tapr.org/directory/us/tx.html. This is
the largest page we have to date, which contains 526 entires.

and let me know the outcome. E-mail me directly **please** -- wd5ivd@tapr.org

We are using TABLES to display the information from the input file, but
maybe this is not going to work. I need to know the following:

1. How long did it take to load ?
2. What type and version of web browser are you using ?
3. Your connection speed to the Net ?
4. Your computer (memory, processor and speed) ?
5. Did it display ?

It could be that I have to rewrite the software so that it generates some
type of fixed format insetad of tables.

Thanks for helping. This is an ongoing process as we get the system up to
speed with 'real' data.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

21. Re: [REGIONAL_FREQ:176] Re: Question

From: "Richard F. Garcia" <n2czf@magg.net>
Date: Tue, 4 Feb 1997 21:40:18 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702050242.VAA29151@grumpy.magg.net>
Rendered body type: text/plain

I have FTP'ed my file into the FL section but do remember that all I am
forwarding is APRS related data since I am not affiliated with FADCA and it
seems that FADCA was not interested in the project.The data that needs a
few changes is the data that was entered by TAPR as an example when the web
page was set up.

The original file that was uploaded by TAPR has a few incorrect entries and
callsign changes that I happen to know about since they are APRS digi's. I
do not want to delete any of the other entries since I am not in any
position to say what is right or wrong nor do I have full Florida Packet
coordination files. I just want to correct the APRS stuff that was entered
by someone else that is incorrect.

> From: Greg Jones, WD5IVD <wd5ivd@tapr.org>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:176] Re: Question
> Date: Tuesday, February 04, 1997 8:24 PM
>
> Hi Rich. Not sure what you are trying to do.
>
> If you have updated your file locally on your machine, then you just need
> to ftp to your area, delete the file in your area that you want to
replace
> and then upload the updated file.
>
> That is all that is required to update your information. YOu just want
to
> make sure that there are not duplicate files with the same information.
> The system reads all files in your area, so if there are two files with
the
> same information, all the info would show up twice.
>
> Cheers - Greg
>
> >OK I have made some changes on my file now for another question. The
sample
> >files that were on the page before I even updated with my file has a few
> >incorrect entrys. What file can I download to make the changes and
upload
> >it back in ?
> >
> >
> >----------
> >> From: Greg Jones, WD5IVD <wd5ivd@tapr.org>
> >> To: regional_freq@tapr.org
> >> Subject: [REGIONAL_FREQ:166] Re: Question
> >> Date: Monday, February 03, 1997 6:44 PM
> >>
> >> The system only updates every 3 hours at 20 past the hour starting at

> >> midnight. Next change will be at 6:20 CT.
> >>
> >> Also, don't forget that if you have the page loaded in your cache,
that
> >you
> >> will have to "reload" the page to update the information after it is
> >> changed.
> >>
> >>
> >> Greg
> >>
> >> >Well I have attempted myself and struck out also. I took the
example.xls
> >> >file from the web page and filled it in using Excel 7.0. After that I
> >saved
> >> >it as TAB Delimited (flaprs.xls) and uploaded it to my ftp section.
Now
> >I
> >> >do not know in what subdirectory it must be in but I uploaded it to
the
> >> >root since I was not told otherwise and could not see a better
choice.
> >> >
> >> >When I click on FL I get the old data that was entered as an example
> >from
> >> >the ARRL Directory.
> >> >
> >> >
> >> >----------
> >> >> From: Greg Jones, WD5IVD <wd5ivd@tapr.org>
> >> >> To: regional_freq@tapr.org
> >> >> Subject: [REGIONAL_FREQ:161] Re: Question
> >> >> Date: Sunday, February 02, 1997 11:02 PM
> >> >>
> >> >> Your file needs to be TAB delimited. The file on the system has
only
> >> >> spaces between the fields.
> >> >>
> >> >> How are you saving the file before uploading ?
> >> >>
> >> >> The way the system works, any file name in the directory which is
> >yours
> >> >> will work. The file ncok.txt is being read fine, it just that when
> >the
> >> >> program goes to split the fields out, it only sees one field and
> >ignoes
> >> >the
> >> >> records.
> >> >>
> >> >> Cheers - Greg
> >> >>
> >> >> >From: Oklahoma DX Assn.
> >> >> >e-mail: daveland@pcok.com
> >> >> >
> >> >> >I tried to upload some data to my directory tonight but couldn't
get
> >it
> >> >> >to show up when I select OK on the map. I have some ASCII TAB
> >delimited
> >> >> >data (just a couple of lines as a test) on your ftp site and I
tried
> >the
> >> >> >name 'ok.txt' and 'ok.htm' without success. Does it require a
special
> >> >> >file name? or what?
> >> >> >What am I doing wrong?
> >> >> >Thanks, Dave
> >> >> >--
> >> >> >**
> >> >> >* David Land   Amateur Radio Station: KD5FX   *
> >> >> >* Email: daveland@pcok.com (home)   *
> >> >> >* Email: david.r.land@conoco.dupont.com (work)   *
> >> >> >* myhomepage:http://www.pcok.com/~daveland   *
> >> >> >* Kay County Amateur Radio Club homepage   *
> >> >> >*   http://www.pcok.com/~n5xdn/kay.html   *
> >> >> >* Oklahoma DX Association WWW Site   *
> >> >> >*   http://www.pcok.com/~n5ogp/okdxa/   *
> >> >> >* No God? No hope? Know God, know hope!   *
> >> >> >**

> >> >>
> >> >>
> >> >> -----
> >> >> Greg Jones, WD5IVD
> >> >> Austin, Texas
> >> >> wd5ivd@tapr.org
> >> >> http://www.tapr.org/~wd5ivd
> >> >> -----
> >> >>
> >>
> >>
> >> -----
> >> Greg Jones, WD5IVD
> >> Austin, Texas
> >> wd5ivd@tapr.org
> >> http://www.tapr.org/~wd5ivd
> >> -----
> >>
>
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>

22. Re: [REGIONAL_FREQ:178] Re: Question

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 4 Feb 1997 21:06:23 -0600
To: regional_freq@tapr.org
Message-ID: <v03020712af1da94da90c@[208.134.134.40]>
Rendered body type: text/plain

Okay. This makes sense to me now. Sorry I am a little dense at times :-)

>I have FTP'ed my file into the FL section but do remember that all I am
>forwarding is APRS related data since I am not affiliated with FADCA and it
>seems that FADCA was not interested in the project.The data that needs a
>few changes is the data that was entered by TAPR as an example when the web
>page was set up.

The FADCA information was submiitted by the ARRL from data they received as
part of the repeater directory. You will need to talk to Carl about any
changes to that data since he has that under his control currently.

The example pages were based on real data that will remain in the system.

>The original file that was uploaded by TAPR has a few incorrect entries and
>callsign changes that I happen to know about since they are APRS digi's. I
>do not want to delete any of the other entries since I am not in any
>position to say what is right or wrong nor do I have full Florida Packet
>coordination files. I just want to correct the APRS stuff that was entered
>by someone else that is incorrect.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

23. Oklahoma listing

From: "Joe S. Borovetz" <jsboro@intellex.com>
Date: Tue, 04 Feb 1997 21:36:50 -0800
To: regional_freq@tapr.org
Message-ID: <3.0.32.19970204213624.00722d8c@intellex.com>
Rendered body type: text/plain

Hello All

I am trying to find out who has submitted some of the Oklahoma directory
data for areas of Eastern Oklahoma. The data submitted is VERY out of date.

The WB5AOH BBS no longer exists. WB5AOH moved to Austin, TX in Sept 1994.

Any node with the call sign K5JB is probably not on the air since Joe
became a silent key last August.

The Boslnk Texnet node has been off the air since July 1994 .

Would the person entering this data please get together with me so we can
sort through all of the "old data". As far as the Texnet network in
Oklahoma is concerned, would you let me handle the updates to those nodes
since I have been one of the major players in establishing and maintaining
this network and I am in the best position to know of any changes effecting
this network.

This reflector may not be the best possible place to handle this situation
but it is the only way that I know to reach any possible contributors to
the directory listing for OK.

73, Joe WA5VMS

24. Added field?

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Wed, 05 Feb 97 08:04:57 CST
To: regional_freq@tapr.org
Message-ID: <315096@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

Well - now I seem to be out of range of all my text editors...
The last addition to the fields (source email) doesn't allow my
text editors to TAB out far enough (maybe past 255 characters?).

Which one of the last few fields creates the e-mail link and
what is its format? a plain e-mail address? ka4afi@wd4roj.ampr.org?
It seems to appear under the heading "contact"...

```
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
```

25. Attention Dweebs

From: "Andy Smith" <kasmit@mindspring.com>
Date: Wed, 5 Feb 1997 17:33:26 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702052233.RAA18696@mule1.mindspring.com>
Rendered body type: text/plain

Regarding uploaded text to Digital Directory......

I can word process with the best of them. I know what a record is and what
a field is. When I am told to submit Tab delimited text, I think:
recordTABrecordTABrecord(last)CR

Then save as.....

El Presidente tells me I got all spaces....!!!!!@#$%&^*(

I have yet to hit the f****** space bar....except for here   .

Since I'm obviously the only real AMATEUR in this TAPR list, why don't one
of you PROFESSIONALS fill me in?

Regards,

ILL

26. Re: [REGIONAL_FREQ:182] Attention Dweebs

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 5 Feb 1997 17:23:40 -0600
To: regional_freq@tapr.org
Message-ID: <v03007801af1ec3194009@[208.134.134.40]>
Rendered body type: text/plain

Andy, have you tried downloading the file you are uploading and looking at
it instead of insulting me and others doing work on this project.

The message I sent you pointed out that I had been checking the system and
saw that your data file was not being processed. I have been doing this
with a number of groups and you are not the first to have some small error
to be corrected and a message sent to about it. I then went and looked at

your data and saw that your file had only spaces between the fields. My
message to you was firendly in nature and pointed out this problem for you
to look at. I didn't expect a response of this nature and hope that this
is only a result of you being frustrated with trying to do your data.

Anyway, I don't think you really gave enough information on how you are
working with your data to answer any questions as to why your file might be
appearing like it does. Have you looked at the file before uploading ?
Are the tabs still in place ? What software are you using to upload to the
system ? Somewhere in the process the TABs are getting stripped.

Maybe you can tell us a little more about your process. I am sure we can
determine a solution.

Since you might not be able to look at your data, I'll attach the file that
has only your one entry in it. As you can see, the file has no tabs in it
just spaces between everything.

Cheers - Greg

>Regarding uploaded text to Digital Directory......
>
>I can word process with the best of them. I know what a record is and what
>a field is. When I am told to submit Tab delimited text, I think:
>recordTABrecordTABrecord(last)CR
>
>Then save as.....
>
>El Presidente tells me I got all spaces....!!!!!@#$%&^*(
>
>I have yet to hit the f****** space bar....except for here   .
>
>Since I'm obviously the only real AMATEUR in this TAPR list, why don't one
>of you PROFESSIONALS fill me in?
>
>Regards,
>
>ILL
[Attachment: nwgarc.txt; text/plain; 263 bytes]

27. Re: [REGIONAL_FREQ:182] Attention Dweebs

From: Steve Stroh <strohs@halcyon.com>
Date: Wed, 5 Feb 1997 16:31:08 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <Pine.ULT.3.95.970205155200.16594C-100000@coho.halcyon.com>
Rendered body type: text/plain

Andy:

I suspect that your word processor is "assisting" you a tad too much and
inserting multiple space characters in place of a <TAB> character when you
save the file.

While it's possible to use a word processor to generate the file, the more
conventional way to do it is to use a spreadsheet program like Excel to
generate the file and then save it as a "tab delimited" file. I just did
a quick test of Windows 95 Notepad, and it looks like it too saves a TAB
character as a series of space characters.

Take it easy on the "vinegar" in your message :-) There's a LOT of people
working REALLY hard on this process, and under those conditions it's too
easy for something intended humorously to be misinterpreted.

Steve N8GNJ

On Wed, 5 Feb 1997, Andy Smith wrote:

> Regarding uploaded text to Digital Directory......
>
> I can word process with the best of them. I know what a record is and what
> a field is. When I am told to submit Tab delimited text, I think:
> recordTABrecordTABrecord(last)CR
>
> Then save as.....
>
> El Presidente tells me I got all spaces....!!!!!@#$%&^*(
>
> I have yet to hit the f****** space bar....except for here   .

>
> Since I'm obviously the only real AMATEUR in this TAPR list, why don't one
> of you PROFESSIONALS fill me in?
>
> Regards,
>
> ILL
>
>

--
Steve Stroh Woodinville, Washington, USA strohs@halcyon.com

28. Update Problem Corrected

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 5 Feb 1997 18:52:37 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03007804af1edb79fa9f@[208.134.134.40]>
Rendered body type: text/plain

I discovered the problem why the system wasn't saving the updates correctly
every 3 hours at 20 past. I had an error in the path in the program. Opps.

When I ran it by hand, it worked fine, but when crontab ran it saved the
files in the wrong place.

So -- we should be all set now.

Cheers -- Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

29. Submitter and Submitter e-mail fields

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 5 Feb 1997 19:21:56 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03007809af1ee1c07473@[208.134.134.40]>
Rendered body type: text/plain

Just as a note, be sure to include the submitter and submitter e-mail
fields in your data.

People are going to use this information to contact the person or the
organization about the data being submitted.

At some point the group here will need to decide what fields are minmum for
being displayed. I think these two should be included in that eventual
list.

The only two fields we have right now are STATE and CITY.

Without the submitter information being present, Carl and myself are
already getting e-mail about who submitted what, becuase the data has
changed or is incorrect and that really needs to be handled directly (i.e.
we need to be out of the loop on updates of this nature). The purpose of
the system is to allow easier and quicker access and upates over time. The
submitter and submitter e-mail fields allow this.

Looking good. We are now up to 1700+ entires.

Cheers -- Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

30. Re: [REGIONAL_FREQ:177] Need some Testing Input

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Wed, 5 Feb 1997 22:48:14 -0400
To: regional_freq@tapr.org

Message-ID: <199702060248.WAA07572@bud.peinet.pe.ca>
Rendered body type: text/plain

>Please take a look at http://www.tapr.org/directory/us/tx.html. This is
>the largest page we have to date, which contains 526 entires.
>
>and let me know the outcome. E-mail me directly **please** -- wd5ivd@tapr.org
>
>We are using TABLES to display the information from the input file, but
>maybe this is not going to work. I need to know the following:
>
>1. How long did it take to load ?
>2. What type and version of web browser are you using ?
>3. Your connection speed to the Net ?
>4. Your computer (memory, processor and speed) ?
>5. Did it display ?
>

Hi Greg, well I dont know whats going on with the table creation but it sure
bogs down on my machine. My HD has been grinding away for almost 10mins.

1. - It took 1:05 to downlowd the data, at 2:45 data started to appear on
the screen (tables) but it took almost 10 mins until all the data was processed.

2. I'm using Netscape 3.0 32bit.
3. Modem is 33.6K
4. PC is 486dx4-100, 16m, Win95.
5. Yes it displayed ok on the first screen but something crashed after the
10 min mark.

To be fair I tried calling the page again. Just about the same time spent
loading transfering data (1:45) and the screen sits with 95% of 133K loaded
while the drive crackles away.
At abt 3:40 I got an error msg saying "A required resource is not available".
When I tried to clear the page Netscape crashed again so I guess its a no-go
for me.

73 - Ron

31. Size of Pages in regards to tables

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 5 Feb 1997 22:41:25 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03020701af1f0feb7da7@[208.134.134.40]>
Rendered body type: text/plain

>From the responses so far -- the issue seems to be focused on Netscape 3.0
on both PC and Mac platforms.

Those using Netscape 2.1 and 1.1n, MS Exporer, Netscape under OS and some
other are having no problems. Only the few using Netscape 3.0 are having
major problems with the size of the table.

Very interesting.

I'll work on the software over the next week or so and will design it so
that over 'N' entires on a page will be broken into subsequent pages. I
already have a test version I wrote tonight, but I want to test it a lot
more.....not entirely happy with the speed of it.

I think we are okay as it is until the next revision of the system software
by the end of the month. We just need to keep working at getting people's
data into the system and cleaning that up.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

32. NFCC and APRS?

From: Carl Estey <cestey@millcomm.com>
Date: Wed, 5 Feb 97 22:39 CST
To: regional_freq@tapr.org
Message-ID: <1.5.4.16.19970206042900.24670c0a@millcomm.com>
Rendered body type: text/plain

I follow the COORDINATOR remailer, and have been concerned as some of the
NFCC group seem to be determined to branch out from repeater coordination.
It seems they see their scope expanded to simplex operation - specifically
to APRS and MIR/space activities and suggesting that APRS move to
144.31/.33/.35/.39 Mhz.

What do you think about NFCC moving to non-repeater spectrum useage isssue?

What do you think about APRS being asked to move from 145.79 to 144.31, etc.?

Carl - WA0CQG

33. Re: [REGIONAL_FREQ:189] NFCC and APRS?

From: Jeff King <jeff@mich.com>
Date: Thu, 06 Feb 1997 01:20:34 -0500
To: regional_freq@tapr.org
Message-ID: <2.2.32.19970206062034.006a6904@mail.mich.com>
Rendered body type: text/plain

At 10:49 PM 2/5/97 -0600, you wrote:
>I follow the COORDINATOR remailer, and have been concerned as some of the
>NFCC group seem to be determined to branch out from repeater coordination.

Hitler started with Austria.

I can't speak for the NFCC, but I know the repeater coordinator in
Michigan refuse to coordinate digital modes.

I'd be wary.

-Jeff wb8wka

34. Re: NFCC and APRS

From: Gary Mitchell <wb6yru@arasmith.com>
Date: Thu, 6 Feb 1997 02:31:17 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <199702061031.CAA06590@arasmith.com>
Rendered body type: text/plain

Carl Estey, WA0CQG wrote:
> I follow the COORDINATOR remailer, and have been concerned as some of the
> NFCC group seem to be determined to branch out from repeater coordination.
> It seems they see their scope expanded to simplex operation - specifically
> to APRS and MIR/space activities and suggesting that APRS move to
> 144.31/.33/.35/.39 Mhz.
>
> What do you think about NFCC moving to non-repeater spectrum useage isssue?
>
> What do you think about APRS being asked to move from 145.79 to 144.31, etc.?

I personally don't like it. It seems pretty clear they are primarily
made of repeater coordinators. They gave the NCPA the brush-off when we
tried to join as a charter member when they were just starting up. They
made various excuses about not being able to know for sure we were legit.
etc. They used the 1995 Repeater Directory as the *only* criterion for
recognizing a coordinator (group). Since we are a packet organization,
we never worried much about being listed in the *Repeater* Directory.
Offers to send our bylaws, band plan, newsletter, etc. as evidence and
documentation were pooh-poohed. Despite this, they claim to represent
all coordinators and presume to represent us all to the ARRL, FCC, etc.

As they currently exist, I don't trust the NFCC to act in the best
interests of packet. Don't get me wrong--the basic idea of a single
point of contact for coordinators is all well and good, but it has to be
even handed.

Since TAPR seems to be the major packet organization around, perhaps
they might be interested in being the one for us small fry to rally
around as a single point of contact for packet groups. TAPR could then
be a major player within the NFCC or act as an equal to the NFCC... Just
a thought.

>
> What do you think about APRS being asked to move from 145.79 to 144.31, etc.?

I understand there is already an APRS presence (mostly Canada) on 144.39.
>From what I know of the APRS folks around here, come hell or high waters
they wouldn't change. (APRS is on 145.01 in No. CA)

Gary WB6YRU
NCPA

35. THINK SPREADSHEET PGM..Was: Attention Dweebs

From: "Andy Smith" <kasmit@mindspring.com>
Date: Thu, 6 Feb 1997 06:15:10 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702061115.GAA62740@mule1.mindspring.com>
Rendered body type: text/plain

Well it's the .txt business that threw me and maybe lots of others.

INDEED THINK SPREADSHEET PGM LIKE EXCEL RATHER THAN word processing.

Excel does a save as tab delimited but not Word, or Notepad or Write or the
MS DOS editor I used.

Still isn't right, but I'm in the ballpark.

Yes, Dr. Jones, I was pissed. You people are very bright but your technical
writing skills are poor, IMHO......and that's too bad.

Regards,

Andy
...was Ill

36. Re: [REGIONAL_FREQ:182] Attention Dweebs

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Thu, 6 Feb 1997 08:11:10 -0400
To: regional_freq@tapr.org
Message-ID: <199702061211.IAA09710@bud.peinet.pe.ca>
Rendered body type: text/plain

>Regarding uploaded text to Digital Directory......
>

I would suggest that those having trouble formatting the files follow the
example.xls and use it in MS Excel (or compatable). The Save_As
Tab_Delimited_Text works perfectly.
73 - Ron

Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Box 188 Cornwall, PE E-mail: rmackay@peinet.pe.ca
Canada or mackayr@charlottetown.cbc.ca

C0A 1H0 WWW: http://www.geocities.com/CapeCanaveral/7970
---

37. Re: [REGIONAL_FREQ:192] THINK SPREADSHEET PGM..Was: Attention Dweebs

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Thu, 06 Feb 97 06:08:45 CST
To: regional_freq@tapr.org
Message-ID: <315552@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

And what of us that don't have EXCEL? Purchase that whole
package just to do one delimited text file? I don't think so...
If we can't tell all that is needed in less than 255 characters? ? ? ?
How much do we need to know about each system?

+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

38. Re:NFCC and APRS (and MIR, and ARRL...)

From: Gary Pearce <kn4aq.gary@mms.net>
Date: Thu, 06 Feb 1997 07:25:17 EST
To: regional_freq@tapr.org
Message-ID: <3.0.16.19970206072135.496f8cda@mms.net>
Rendered body type: text/plain

At 04:31 AM 2/6/97 -0600, Gary Mitchell <wb6yru@arasmith.com> wrote:

>> What do you think about APRS being asked to move from 145.79 to 144.31,
etc.?

>
>I understand there is already an APRS presence (mostly Canada) on 144.39.
>From what I know of the APRS folks around here, come hell or high waters
>they wouldn't change. (APRS is on 145.01 in No. CA)
>
>Gary WB6YRU
>NCPA

I'm afraid that's the initial attitude of just about every ham when initially confronted with "someone else's" desire that they change the frequency of their operations. Probably mine, too. But after the initial reaction fades a bit, some hams are willing to look at an issue on its merits - especially when a workable alternative is proposed.

MIR activity on 145.80 (with an uplink of 145.20) was an accommodation to European hams, who have half the two-meter band we do (only 144 to 146 MHz). In North America, that plan is a poor fit. I wonder what MIR hears as they float above a few dozen repeaters on 145.19 and 145.21. But, contacts are being made.

And 145.80 puts MIR on the EDGE of the satellite band, not IN the band (the FCC wouldn't be too happy if I fired up my FM station on 144.0, or my SSB station on 14.3500). Again, the new MIR frequencies were chosen because they work in the rest of the world - imagine that, having to band-plan two meters on a world-wide basis!

MIR notwithstanding, satellite users, with high-gain receiver front-ends and fairly weak satellite signals to copy, were unhappy with APRS before MIR moved. Their primary problem was copying some of the satellite beacons, set down near the edge of the band (and reasonably so, being narrow band emissions).

Although I haven't seen anything "official" from AMSAT, there are quotes on the COORDINATOR reflector saying that AMSAT has no future plans for the 144.3 - 144.5 band segment. No satellites operate there - I think it had been used for "command and control." The Space Shuttle does use 144.45, 47 and 49 as uplinks. Otherwise, there is no "official" band-plan use of those frequencies. There is sporadic regional use - kind of like the old days before 2 meters was carved up in a dozen pieces. The NFCC repeater coordinators (who do think of themselves as spectrum managers and band planners) can't put repeaters there, so some are thinking packet, including APRS.

I'd personally prefer to see the ARRL be the central focus of spectrum management. Their track record is spotty, and there are some repeater coordinators dead set against it, but they ARE the national organization with some balance between competing interests (fortunately, there's no CW DX to protect up here). Some in the League are making noises that this will happen, but so far the wheels are rusted tight.

Do we want that spectrum? For APRS? For BBSs? For Wide Area Network Nodes? Should we lobby for it? Should it be left fallow, for the "next new mode.?"

(Would someone repost this on the APRS mailing list?)

73,
Gary KN4AQ

Gary Pearce KN4AQ
Cary, NC
919-380-9944

ARRL NC SECTION
Public Information Coordintor

Raleigh Amateur
Radio Society
W4DW

39. Re: Publishing

From: Carl Estey <cestey@millcomm.com>
Date: Thu, 6 Feb 97 07:10 CST
To: frenaye@pcnet.com
Cc: REGIONAL_FREQ@tapr.org
Message-ID: <1.5.4.16.19970206125955.23df6d8e@millcomm.com>
Rendered body type: text/plain

Hi Tom -

Thanks for the note.

It is still a bit early to know where publishing in paper format of the NADSD will go. Greg thinks that eventually TAPR will publish a large, cross-referenced, directory that they will sell and make available to the

regional groups also to sell. My thoughts are that TAPR should not sell the directory but make the files available to regional organizations, who in turn, would format regional directories and publish those as they wish. This might be a fund raiser for them. But neither Greg nor I am "hard-over" on our views and will most likely be asking the regional_freq group for their direction once things settle down.

Our concerns are more immediate - we have 60 data providers registered representing 40 States (some just APRS or DX Cluster) and have lists on-line from only 10 providers. Granted, we have had uploading open for only 6 days and the number will grow. But right now our focus has to be on building the size and quality of our "product". Greg has done a great job of developing and formatting the database, as well as working some software issues that have cropped up. (I think we oughta' double his already huge salary! May God help us if he leaves the program!) My hope is that paper-based publishing will be in place by this Fall. The data will be in the 1997 edition of the TAPR CD-ROM which will be produced shortly.

I think everyone shares a concern about making sure everyone has access to the data in some form or another. The problem is how to do it with the resources available (primarily people). I have wondered if these files can be made available, by State, for land-line downloading but I do not favor distribution via radio because of file size and the issue of "commercialism". I certainly welcome the views of others on this subject.

I welcome any thoughts on NADSD, either to Greg and I directly, or to the "core" group at NETCODE or to the group as a whole at REGIONAL_FREQ. We should make certain that we keep focus on this medium-range goal while we meet our short range goal of building a very unique service to Amateur Radio.

Best wishes,

Carl - WA0CQG

At 12:01 AM 2/6/97 EST, you wrote:
>
>Is there any information available yet on what is actually going to be
>published? I know the early discussions talked about the data being
>available on the TAPR CD being prepared. Will that be the only way the
>data will be made available? (I hope not)
>
>   73 Tom
>
>PS Or should this question go to someone else?
>---
>E-mail: frenaye@pcnet.com
>Tom Frenaye, K1KI, P O Box 386, West Suffield CT 06093 Phone: 860-668-5444
>
>
>

40. Re: [REGIONAL_FREQ:189] NFCC and APRS?

From: "Jim Neely" <jneely@techie.com>
Date: Thu, 06 Feb 97 07:46:02 -0500
To: "regional_freq@tapr.org" <regional_freq@tapr.org>
Message-ID: <199702061353.HAA03673@matrix.eden.com>
Rendered body type: text/plain

Carl,

I also follow the COORDINATOR remailer. I think these guys are a bunch of control freaks and just trying to expand their area of control. Here in Texas, the VHF-FM Society tried to take over and coordinate packet. So far it has only managed to piss off the packet community and has gotten no where.
  It is ironic that the Society is nearly broke and trying to expand where they aren't needed or wanted.

I think the squabbling on the COORDINATOR list is an example of why coordination is such a mess. They can't agree among themselves, yet want to control the rest of the world.

jn

On Wed, 5 Feb 1997 22:49:52 -0600 (CST), Carl Estey wrote:

>I follow the COORDINATOR remailer, and have been concerned as some of the
>NFCC group seem to be determined to branch out from repeater coordination.
>It seems they see their scope expanded to simplex operation - specifically
>to APRS and MIR/space activities and suggesting that APRS move to
>144.31/.33/.35/.39 Mhz.
>
>What do you think about NFCC moving to non-repeater spectrum useage isssue?

>
>What do you think about APRS being asked to move from 145.79 to 144.31, etc.?
>
>Carl - WA0CQG

Jim Neely
jneely@techie.com   WA5LHS@tapr.org

41. Re: [REGIONAL_FREQ:194] Re: THINK SPREADSHEET PGM..Was: Attention Dweebs

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Thu, 06 Feb 97 12:00:00 CST
To: regional_freq@tapr.org
Message-ID: <315698@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

Well - I think the 255 barrier has been conquered by TED.COM
I just type the end of the line first and use INSERT on to
type the first part - pushes the end out past 255 characters...
Guess it will have to do...

+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

42. Re: [REGIONAL_FREQ:194] Re: THINK SPREADSHEET PGM..Was: Attention Dweebs

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 6 Feb 1997 12:18:19 -0600
To: regional_freq@tapr.org
Message-ID: <v03020702af1fd058b998@[208.134.134.40]>
Rendered body type: text/plain

What package are you using that limits you to 255 chars per line ? vi
doesn't even suffer from this problem.

Greg

>And what of us that don't have EXCEL? Purchase that whole
>package just to do one delimited text file? I don't think so...
>If we can't tell all that is needed in less than 255 characters? ? ? ?
>How much do we need to know about each system?
>
>+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
> 73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
> WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
>+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

43. Re: [REGIONAL_FREQ:198] Re: THINK SPREADSHEET PGM..Was: Attention Dweebs

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 6 Feb 1997 12:32:11 -0600
To: regional_freq@tapr.org
Message-ID: <v0302070baf1fd3f39294@[208.134.134.40]>
Rendered body type: text/plain

Great! Knew there had to be a simple solution.

Look forward to seeing your new data soon.

Cheers - Greg

>Well - I think the 255 barrier has been conquered by TED.COM
>I just type the end of the line first and use INSERT on to
>type the first part - pushes the end out past 255 characters...
>Guess it will have to do...
>
>+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
> 73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
> WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
>+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

```
-----
Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----
```

44. Re: [REGIONAL_FREQ:192] THINK SPREADSHEET PGM..Was: Attention Dweebs

```
From: Jeff King <jeff@mich.com>
Date: Thu, 06 Feb 1997 13:36:11 -0500
To: regional_freq@tapr.org, regional_freq@tapr.org
Message-ID: <2.2.32.19970206183611.006ea964@mail.mich.com>
Rendered body type: text/plain
```

```
At 05:26 AM 2/6/97 -0600, Andy Smith wrote:
>
>
>Well it's the .txt business that threw me and maybe lots of others.
>
>
>INDEED THINK SPREADSHEET PGM LIKE EXCEL RATHER THAN word processing.
>
>Excel does a save as tab delimited but not Word, or Notepad or Write or the
>MS DOS editor I used.
>

Some text editors, notably the ones intended for programmers, can save
'spaces' as tabs or (surprisingly) as spaces. I know Code wright (which
I use) can do this and I also believe PFE can also, which is shareware.
Both programs are for windows. Look for a function called "TAB expansion".
You'll want to set this to OFF. I think the editor that comes with the old
turboC for DOS would/could also save tab delimited but not sure.

BTW, you can get older copies of Excel for fairly cheap from a lot
of the software surplus houses. For a application like this, you
really would be a lot better off with a spreadsheet. They are not hard
to learn how to use.

-Jeff
```

45. network servers

```
From: Burt Lang <burt@rocler.qc.ca>
Date: Thu, 06 Feb 1997 15:21:09 +0000
To: regional_freq@tapr.org
Message-ID: <32F9F6E5.2016@rocler.qc.ca>
Rendered body type: text/plain
```

```
Hi Folks.

Can anyone suggest the approved way of entering data for "Network
servers" ie servers like BBSs, DxClusters or IP gateways that do not
have a local user port but can only be reached from another node through
the network.

Burt>>>
```

46. Re: [REGIONAL_FREQ:189] NFCC and APRS?

```
From: "Richard F. Garcia" <n2czf@magg.net>
Date: Thu, 6 Feb 1997 17:37:41 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702062240.RAA17840@grumpy.magg.net>
Rendered body type: text/plain
```

```
I vote NEY! on both. You can't be a jack of all trades. Let the repeater
people coordinate repeaters and digital people coordinate packet.

APRS has a strong following and there are thousands of users out there,
don't let anyone tell you otherwise. When APRS started years ago many
states coordinated 145.79 for APRS, if that was already in use then they
THEY had to chose another frequency. There are more than several states
that have allocated 145.79 for exclusive APRS usage and it is working quite
well. We are doing good on establishing multi-state networks and having to
move here and there is bad enough as is.

APRS is for travelers for most part and as it stands now there are several
states with APRS on other freq's than 145.79. This means that you must know
what freq to use where and where the coverage starts and stops. This is not
```

conducive for good APRS operations or linking. If everything were perfect
then a single channel radio in the trunk that turns on with the key would
work, we are close to that. 1 cheap radio for a great mode, set and forget.
No one cares where they are since .79 will work if there is activity in the
area. Let's not make it more difficult. Do not say that there are more MIR
users than APRS users, I seriously doubt that and this is not FACT. They
chose the frequency, let them live with it, we did not ASK them to be
there.

> From: Carl Estey <cestey@millcomm.com>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:189] NFCC and APRS?
> Date: Wednesday, February 05, 1997 11:49 PM
>
> I follow the COORDINATOR remailer, and have been concerned as some of the
> NFCC group seem to be determined to branch out from repeater
coordination.
> It seems they see their scope expanded to simplex operation -
specifically
> to APRS and MIR/space activities and suggesting that APRS move to
> 144.31/.33/.35/.39 Mhz.
>
> What do you think about NFCC moving to non-repeater spectrum useage
isssue?
>
> What do you think about APRS being asked to move from 145.79 to 144.31,
etc.?
>
> Carl - WA0CQG

47. Re: [REGIONAL_FREQ:195] Re:NFCC and APRS (and MIR, and ARRL...)

From: n2czf@magg.net
Date: Thu, 6 Feb 1997 18:02:33 -0500
To: regional_freq@tapr.org
Message-ID: <199702062302.SAA21547@grumpy.magg.net>
Rendered body type: text/plain

I wanted to post Carl's original message on APRSSIG but I would like his
permission FIRST.

>At 04:31 AM 2/6/97 -0600, Gary Mitchell <wb6yru@arasmith.com> wrote:
>
l
>(Would someone repost this on the APRS mailing list?)
>
>73,
>Gary KN4AQ
>
>
>Gary Pearce KN4AQ ARRL NC SECTION Raleigh Amateur
> Cary, NC Public Information Coordintor Radio Society
> 919-380-9944 W4DW
>
>

48. Re: [REGIONAL_FREQ:189] NFCC and APRS?

From: "Richard F. Garcia" <n2czf@magg.net>
Date: Thu, 6 Feb 1997 18:11:19 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702062313.SAA23505@grumpy.magg.net>
Rendered body type: text/plain

ANother point that I forgot to mention is the few hundred APRS digipeaters
that are in service all over the country. I am sure that many are crystal
controled (I sure hope so!) and I also hope that they have taken good
precautions and have external filtering. Many APRS users are also crystal
controled since we do not need any other frequency for operation and
surplus commercial radios are often tucked away in trunks just for tracking
use. We are talking about moving a whole (almost nationwide) network that
is in use 24hrs a day for a somewhat limited use of the MIR frequency. The
passes are short in each individual area and some of these areas may not
even have active MIR users. The cost in crystals and labor (both time and
money) will be indeed great.

Let's be real here, MIR users are not crystaled (due to doppler) and
neither is MIR. APRS was already established and is within a proper band

segment. Why should we bear the weight of the problem they caused ?

> From: Carl Estey <cestey@millcomm.com>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:189] NFCC and APRS?
> Date: Wednesday, February 05, 1997 11:49 PM
>
> I follow the COORDINATOR remailer, and have been concerned as some of the
> NFCC group seem to be determined to branch out from repeater
coordination.
> It seems they see their scope expanded to simplex operation -
specifically
> to APRS and MIR/space activities and suggesting that APRS move to
> 144.31/.33/.35/.39 Mhz.
>
> What do you think about NFCC moving to non-repeater spectrum useage
isssue?
>
> What do you think about APRS being asked to move from 145.79 to 144.31,
etc.?
>
> Carl - WA0CQG

49. Re: NFCC and APRS?

From: Ken Chilton <chilton@emc.com>
Date: Thu, 6 Feb 1997 18:47:59 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <199702062348.SAA19855@lss1074.lss.emc.com>
Rendered body type: text/plain

In a prior message, Richard F. Garcia wrote:
> I vote NEY! on both. You can't be a jack of all trades. Let the repeater
> people coordinate repeaters and digital people coordinate packet.

The NFCC is not a coordinator.

> There are more than several states
> that have allocated 145.79 for exclusive APRS usage and it is working quite
> well.

It is working well for APRS, but not for sat ops. It is better
to look at this now than later. APRS has now grown to the point
that it can seriously affect sat operation.

> Do not say that there are more MIR
> users than APRS users, I seriously doubt that and this is not FACT.

This is probably true, but can we not make an effort to accommodate
all that we can? Besides, it is not just MIR and the shuttle that are
affected; it is most all satellite operations.

> They
> chose the frequency, let them live with it, we did not ASK them to be
> there.

Even if it were true that the satellite operators had a voice in
selecting 145.79, since when should a "let them live with it" be our
rule? Digital was coordinated as 145.01, 145.03, 145.05, 145.07, and
145.09. Should digital operators be happy with only this allocation?
NO, of course not. Digital has moved into experimental and other
sub-bands to suit its spectral needs. But, since our spectrum is
ever-diminishing, we need to look carefully at bandplan changes.

The fact is, APRS on 145.79 is a mistake. The full impact of this
operation on sat operations was not understood and is only now
grown to the point where something must be done. The satellite
community was not considered when 145.79 was allocated.

144.3x is a satellite frequency that may be given up by these
operators for exclusive digital use so that they can preserve 145.80+
free from adjacent channel interference. Think about this again -
here is THE BEST chance for a nation-wide allocation.

In a prior message, Jim Neely wrote:
> I also follow the COORDINATOR
> remailer. I think these guys are a bunch of control freaks and just
> trying to expand their area of control.

Some of these guys ALREADY coordinate digital and want the NFCC to
recognise that and offer the goodness of the organisation for the
digital community. Some of us want to get a digital voice into the
NFCC if for no other reason than to protect the digital interest. It
is MUCH better to be part of the discussion on the inside than just
looking in from the outside. This is why I was part of the group
asking that digital be given the opportunity to be included in the
NFCC.

With digital interests included in the NFCC discussions, as well as
satellite, ATV, etc., mistakes like 145.79 can occur less often. This
is what the NFCC is about; and some people like me, who have a
sensitivity where digital is concerned, are trying to ensure that
digital is not left on the doorstep.

Noone wants more control, just that all that are in the know have a
voice. It is not that the FM-voice repeater operators will have
any control over digital, or that digital coordinators will have
control over FM repeaters, but that digital and FM-voice can sit
down and at least draw the lines.

> I think the squabbling on the COORDINATOR list is an example of why
> coordination is such a mess. They can't agree among themselves, yet
> want to control the rest of the world.

And there is no squabbling on this remailer? Does everyone agree with
me? Total agreement will never happen when there are real issues at
hand. But, hopefully, this fledgling organisation called the NFCC and
its remailer can be just the forum needed to rectify most if not all
of the petty squabbles throughout the country. I would also like it
or some other forum stop some of our other battles. Together we can
accomplish much, apart we become enemies. But, by false statements
and quick dismissal of new ideas, we will all be doomed.

Just my unofficial view, your milage may vary...

Tnx et 73,
Ken Chilton, KA1TIH

50. Re: [REGIONAL_FREQ:205] Re: NFCC and APRS?

From: Ken Chilton <chilton@emc.com>
Date: Thu, 6 Feb 1997 18:55:36 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <199702062355.SAA19912@lss1074.lss.emc.com>
Rendered body type: text/plain

In a prior message, Richard F. Garcia wrote:
> Let's be real here, MIR users are not crystaled (due to doppler) and
> neither is MIR. APRS was already established and is within a proper band
> segment. Why should we bear the weight of the problem they caused ?

No, but the satellites ARE crystal controlled, and you CANNOT change
their frequencies no matter what you do. It is not just MIR that is the
problem. APRS is NOT in the proper band segment, it is in the low-power
experimental region. And the satellite operators did not choose 145.79
either - so why are they to suffer? APRS was not established before
amateur satellite operations.

I will buy a new crystal - it is just part of the cost of being an
amateur and running APRS. Let be real here. Do you really think
that crystal price should enter into this?

73,
KA1TIH

51. Re: [REGIONAL_FREQ:202] network servers

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 6 Feb 1997 20:36:59 -0600
To: regional_freq@tapr.org
Message-ID: <v03007806af20457b3300@[208.134.134.40]>
Rendered body type: text/plain

I think you would list the freq(s) these systems are on and then in the
note section indicate the fact below.

That the freq listed is non-user or something simple to allow the the
listing to have a place, but which informs the viewer the status of the
system.

Greg

>Hi Folks.
>
>Can anyone suggest the approved way of entering data for "Network
>servers" ie servers like BBSs, DxClusters or IP gateways that do not
>have a local user port but can only be reached from another node through
>the network.
>
>Burt>>>

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

52. Re: [REGIONAL_FREQ:207] Re: NFCC and APRS?

From: "Richard F. Garcia" <n2czf@magg.net>
Date: Thu, 6 Feb 1997 22:21:09 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702070323.WAA03676@grumpy.magg.net>
Rendered body type: text/plain

Yes, you would and so would I probably but it is not just a handful of operators. As I had stated there are complete networks in place IN ADDITION to the users. As far as not just MIR having the problem as far as many can see it is just that. There was NEVER any discussion or problems with 145.79 as a APRS frequency till' MIR decided to change frequency "recently".

Another point is that many of us are lookng at APRS just being affected which is not the case. There are many regions where .79 is not a APRS channel but also a BBS or NODE frequency. In these regions APRS users did the right thing and did not step on anyone's toes, they started somewhere else and did not ask anyone to move. I am proud of that and commend them, I hope everyone would do the same thing in similar situations but as we can see this is not the case.

> From: Ken Chilton <chilton@emc.com>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:207] Re: NFCC and APRS?
> Date: Thursday, February 06, 1997 7:04 PM
>
> In a prior message, Richard F. Garcia wrote:
> > Let's be real here, MIR users are not crystaled (due to doppler) and
> > neither is MIR. APRS was already established and is within a proper band
> > segment. Why should we bear the weight of the problem they caused ?
>
> No, but the satellites ARE crystal controlled, and you CANNOT change
> their frequencies no matter what you do. It is not just MIR that is the
> problem. APRS is NOT in the proper band segment, it is in the low-power
> experimental region. And the satellite operators did not choose 145.79
> either - so why are they to suffer? APRS was not established before
> amateur satellite operations.
>
> I will buy a new crystal - it is just part of the cost of being an
> amateur and running APRS. Let be real here. Do you really think
> that crystal price should enter into this?
>
> 73,
> KA1TIH

53. Re: [REGIONAL_FREQ:189] NFCC and APRS?

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Feb 1997 00:17:42 -0500 (EST)
To: regional_freq@tapr.org
Cc: aprssig@tapr.org
Message-ID: <Pine.GSO.3.95.970207000503.24343C-100000@arctic>
Rendered body type: text/plain

On Wed, 5 Feb 1997, Carl Estey wrote:

> I follow the COORDINATOR remailer, and have been concerned as some of the

> NFCC group seem to ... see their scope expanded to simplex operation...
> specifically to APRS and MIR/space and suggesting that APRS move...

I just looked at the APRS data base of permanent wide area digipeaters
across the US, and the current total is 186. Probably 10 of those are on
144.39 in Canada and probably 10 more are on 145.01 in Northern CA, and
the remaining 166 are on 145.79 where it was available.

This is just a statistic. I am not in the position to comment one
way or the other, but I thought the statistic may be useful.

I can't wait until the Tapr digital database gets displayed in MAP format
so one can see the population and distribution of digital assetts... In
fact, I think I'll put up a web page showing these digipeaters. Give me a
day or so.. then see below.

See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

54. Help Please...

From: dmeredith@phx-az.ampr.org
Date: Thu, 06 Feb 97 22:25:01 MST
To: regional_freq@tapr.org
Message-ID: <2117@phx-az.ampr.org>
Rendered body type: text/plain

Hi All,
    I've been trying to follow the threads here and have looked carefully at
the pages that are now live. I am the Digital Coordinator for Arizona and
have the entire database on RD. I would like to make an easy transition to
put this live on the net, but I noted that not all fields are being used and
the excel 3.0 worksheet had everything that RD has. My question is this,
what is the easiest way for me to extract my data out of RD and into say a
text editor so I can add the e-mail fields etc....Sorry for my ignorance here
but I truly am lost.

Daniel

55. Re: [REGIONAL_FREQ:209] Re: NFCC and APRS?

From: Ken Chilton <chilton@emc.com>
Date: Fri, 7 Feb 1997 11:32:23 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <199702071632.LAA24238@lss1074.lss.emc.com>
Rendered body type: text/plain

In a prior message, Richard F. Garcia wrote:
> There was NEVER any discussion or problems with 145.79
> as a APRS frequency till' MIR decided to change frequency "recently".

There have been several complaints about digital on 145.79 for quite
some time.

> Another point is that many of us are lookng at APRS just being affected
> which is not the case. There are many regions where .79 is not a APRS
> channel but also a BBS or NODE frequency.

And this is why I said that 145.79 is a bad choice for the APRS channel.
We already know that digital operations on 145.79 (a BBS) is seriously
affecting several satellite operators in our area. If we have another
option, it is worth considering it. Maybe not one the FQs listed in the
original post, but we need a serious nation-wide study of a single clear
frequency for APRS that will not compomise our hobby.

> I am proud of that and commend them, I
> hope everyone would do the same thing in similar situations but as we can
> see this is not the case.

Yes, this is true. And this is where I bring back the discussion
about "let's all play nice together". We have done our own thing for
a while now and built up a lot of animosity for other modes, but we
need to start working together to plan these things out before we have
to start either moving things around all the time or making operating
difficult. I would like to see the NFCC, or TAPR, or some other
national organisation, be the spearhead of this effort. If digital
were included in the NFCC, this could be the ticket.

I do not find complaints from satellite operators fun. I would like
to have fun, so I ask that we look seriously at this problem.

Thanks,
KA1TIH

56. APRS DIGIS web page

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Fri, 7 Feb 1997 12:25:43 -0500 (EST)
To: aprssig@tapr.org
Cc: regional_freq@tapr.org
Message-ID: <Pine.GSO.3.95.970207122109.21260C-100000@arctic>
Rendered body type: text/plain

I just put up a javAPRS WEB page showing all the known APRS digis
nationwide. See the below page and look for the new page under
"other sites"...

I hope the TAPR digital frequency database is eventually going to these
kinds of map displays. hi hi

See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

57. Re: [REGIONAL_FREQ:213] APRS DIGIS web page

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Fri, 7 Feb 1997 16:29:22 -0600
To: regional_freq@tapr.org
Message-ID: <v03020709af215d00eb77@[208.134.134.40]>
Rendered body type: text/plain

Steve Dimse is already developing this. This has been in the plan since
last December when it all started.

The problem is that many are not using the standard LAT/LON data as defined
in the spec and then it is going to take time to get the information from
everyone into the system.

The tests I have been playing with are nice to see, but more work to come.

greg

>I just put up a javAPRS WEB page showing all the known APRS digis
>nationwide. See the below page and look for the new page under
>"other sites"...
>
>I hope the TAPR digital frequency database is eventually going to these
>kinds of map displays. hi hi
>
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

58. Re: [REGIONAL_FREQ:212] Re: NFCC and APRS?

From: n2czf@magg.net
Date: Fri, 7 Feb 1997 18:03:49 -0500
To: regional_freq@tapr.org
Message-ID: <199702072303.SAA08487@grumpy.magg.net>
Rendered body type: text/plain

All I can truthfully say is that your opinion is a valid one, but not a
simple one. I do not think there is one easy answer for this question but I
have another question to make it more confusing.

Where will it stop? We move from here to there, we move from there to here.
They way I feel at this moment is that no one will ever be content. If it is
not one group it is another, and of course the usual comments.. "Yea those
APRS guys are pushovers, they moved before they can move again". That is
what I am also concerned about later on. May not be today but it sure can be
tomorow, with technology moving the way it is someone will eventually want
to be where you are. I will not even start with the LEO problem but it sure
is funny that Amateur Radio is having problems with the satelite industry
while APRS'ers are having problems with the satelite operators.

SNIP>>>

>> I am proud of that and commend them, I
>> hope everyone would do the same thing in similar situations but as we can
>> see this is not the case.
SNIP>>>
>Yes, this is true. And this is where I bring back the discussion
>about "let's all play nice together". We have done our own thing for
>a while now and built up a lot of animosity for other modes, but we
>need to start working together to plan these things out before we have
>to start either moving things around all the time or making operating
>difficult. I would like to see the NFCC, or TAPR, or some other
>national organisation, be the spearhead of this effort. If digital
>were included in the NFCC, this could be the ticket.
>
>I do not find complaints from satellite operators fun. I would like
>to have fun, so I ask that we look seriously at this problem.
>
>Thanks,
>KA1TIH
>
>

59. Re: My Experiences

From: Chuck Gessner <kc3et@diamond.nb.net>
Date: Fri, 07 Feb 1997 20:07:08 -0500
To: regional_freq@tapr.org
Message-ID: <32FBD1BC.4525@nb.net>
Rendered body type: text/plain

Chuck Gessner wrote:

Hi Everybody.
I thought that I would take the time to explain the procedure that I used to generate the W.Pa. packet information for the NADSD system. I must admit that I had a lot of doubts as to if I could get this to work right. It took me three tries, but I finally got it right. Thanks to Greg WD5IVD for his helpful suggestions when he saw the folly of my ways. While I had the right idea, I was slightly off on my technique.

Here is what I did.

1. I generated my NADSD report by obtaining information available from a straight Ascii text file that I maintain for the Arrl Wpa Section packet users, latitude and longitude settings from the Goode's World Atlas.
2. I used MS Works For Windows Data Base manager to create the file.
3. After creating the file, I saved it under its normal Works Data Base name (i.e. has a file extension .WDB).
4. I then exited MS Works.
5. I then copied the file to a temporary directory where I could later do the file conversion necessary for the Tapr internet site.
6. I then restarted MS Works For Windows.
7. Opened the file in the temproary directory.
8. Went to the MS Works File on the tool bar.
9. Selected SAVE AS function. Selected 'TEXT & TABS' file format.
   a. this generated a 'filename.txt' file in Ascii text with Tab deliminited format.
10. I then exited MS Works For Windows.
11. I then connected to my local internet service provider.
12. Selected UNIX SHELL account.
   a. uploaded my file to my i.s.p. using its 'rz' command.
   b. checked to be sure that the file was at the i.s.p. by using its 'ls -l' command.
13. Connected to the TAPR site with the command listed in the document that they sent me by email.
   a. used the Tapr assigned user name and password to access the assigned directory.
14. Uploaded the file to the TAPR site with the 'put filename.ext' command.
15. Once the file was uploaded, I checked to be sure that the file was on the TAPR site by using the 'dir' command.
16. Then logged off with the 'quit' command.
17. I then removed the file at my i.s.p. with the 'rm filename.ext' command.
18. I then logged off my i.s.p. with its 'logout' command.
19. I waited for several hour before reconnecting to my i.s.p., used my web browser to move the to NADSD site, clicked on the map icon for PA. After a few moments the W.Pa. packet information was displayed.

PITFALLS TO AVOID (Tnx to Greg WD5IVD)
1. Make sure that your file is in TAB Delimited format. I check my
   WORKS file with MS EXCEL. EXCEL upload loading stated that it was
   in TAB Delimited Format.
2. Make sure that their is NO data past the last data entry. In my
   first few tries, my file had blown to almost 900 kbytes in length.
   At first, I couldn't figure out how this was happening. Gregg
   pointed out too me that at the end of my file at line 32768, their
   was two entries both on line 32768. The entries were the numbers
   99999, a space, and a 0. I simply removed that entry from my
   master 'filename.wdb', and all of those blank lines disappeared.
   My file was now at 27.1 kbytes in length.

Well, thats it. I thought that I would send you this to help you in
you in case you run into the same problems that I had.

73 de Chuck KC3ET
email: kc3et@nb.net
packet: KC3ET@W3OC.#SWPA.PA.USA.NOAM

P.S.
By the way, if you would like to look at my straight Ascii source
document (not for the Tapr NADSD system), you can obtain a copy of it
via regular amateur packet email by sending a message to the REQFIL
server at the W3OC bbs. The procedure is:

SP REQFIL @ W3OC.#SWPA.PA.USA.NOAM
Subject: C:\PACKET\PKTDIR.CTY
Message:
/EX

Thats it. The REQFIL server will send you a copy of that file.

60. Re: [REGIONAL_FREQ:214] Re: APRS DIGIS web page

From: The Kents <the.kents@bigfoot.com>
Date: Fri, 07 Feb 1997 23:47:28 -0500
To: regional_freq@tapr.org
Message-ID: <3.0.32.19970207234600.0069c600@infoave.net>
Rendered body type: text/plain

>The problem is that many are not using the standard LAT/LON data as defined
>in the spec and then it is going to take time to get the information from
>everyone into the system.
>

I have been playing with the idea of adding the LAT/LON data sometime after
I gather all SC data and get it uploaded. The data can be acquired from a
mapping CD-Rom, I use Precision mapping2.0. The cursor location shows the
LAT/LON.
I plan to just use the data from the location column as a guide if I don't
know exactly where the site is.
This will not be accurate to minutes and seconds, but close enough for a
display.
Most people have no idea what LAT/LOG they are located in, so figured I'd
just come close to it.
George KD4DVT
Lancaster, SC

61. Re: My Experiences

From: "Frank R.Aguilar" <faguilar@ICSI.Net>
Date: Fri, 7 Feb 1997 20:02:45 -0600
To: <regional_freq@tapr.org>
Message-ID: <199702080204.UAA28600@ICSI.Net>
Rendered body type: text/plain

Hi All,

I was very interested in reading Chuck's account on how he got his data
ready for uploading. After reading some of the others earlier, I'm
wondering if there should be an effort underway to have a program written
for this purpose. That is keeping track of the NADSD data in your area and
auto converting it to a format ready for uploading. What do you all think?

By the way, the data I submitted was converted to its TAB delimited format
by a program I wrote using CA-CLIPPER. The original data is in DBF format
whose structure dosen't nearly resemble that of the NADSD specs. I used a
database maintenance utilitiy I wrote a couple of years ago as well as an
old copy of dBASE to maintain the data. One of these days, I'll get around
to writing something that would really be "user-friendly". My main problem

was understanding exactly what was meant by some of the field descriptions on the webb document describing the NADSD file. That out of the way (I think), I was in need of an FTP program that would help me get the data to TAPRs system. I found one called CUTE-FTP (no pun). And that took care of that.

I'm curious to hear how others went about it. Did any of you actually try to
program your own?

Adios 4-now,
Frank Aguilar N5SSH
TPRS
faguilar@icsi.net

62. Please..."NO" to 144-MHz APRS

From: "E. Tupis" <evman@ix.netcom.com>
Date: Sat, 8 Feb 1997 18:49:25 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <199702082349.SAA12277@vivanet.com>
Rendered body type: text/plain

There is a movement afoot to place extremely high-speed CW meteor scatter experiments in the range from 144.300 to 144.350-MHz. Indeed, no national discussion has taken place yet, but the potential is there, to break to the national level, that is.

Also...this band of frequencies have also been discussed as being used in the quest for the Brendon Trophies, for the first TransAtlantic 2-meter QSO. Of course, both uses for these frequencies are still in the discussion stage, and hold no preeminent claim, but those in the APRS Coordinator ranks should know about this activity.

Finally, and possibly more concretely, one "work in progress" is to include APRS on mobile radio stations engaged in Microwave Contests. These "Rovers" will have APRS on board, and will also need to use frequencies around 144.280 and 144.300 for liasion to setting-up contacts on the upper-microwave frequencies. Placing APRS at 144.310, and using 144.300 for SSB liasion from a van on a hilltop, will cause needless desense of the opposite receiver. Placing APRS in the 147-MHz range would allow for a suitable filter to be designed so that the two radios from the same station would not interfere with each other.

If the APRS community is truly interested in watching something more interesting than a bunch of home stations beaconing thier information, please give the appropriate weight to the third paragraph above.

I am not a subscriber to the APRS Coordinator's Listserve, so I am unable to participate any further than by sending this e-mail. Please use this information as you see fit.

With Regard,
Evhen Tupis
Chairman
Rochester VHF Group
Rochester, New York

63. format

From: Burt Lang <burt@rocler.qc.ca>
Date: Mon, 10 Feb 1997 00:46:58 +0000
To: regional_freq@tapr.org
Message-ID: <32FE7002.5AAA@rocler.qc.ca>
Rendered body type: text/plain

Would someone please elaborate on the following format fields:

1/ SYSTEM TYPE - Are we limited to the stated entries or does anything go?

2/ CITY, COUNTY, STATE, COUNTRY - Does this apply to the system, the licensee/sponsor, the submitter, or what????

3/ ORGANIZATION -Please explain difference between sponsor and organization?

4/ FREQ [1...n] - I presume that this applies to systems such as BPQ switches which use the same callsign on mulitple ports. So how are they to be entered? Space delimited? Comma delimited?

5/ All fields - Which fields are required and/or which fields are
optional and may be left blank?

6/ All fields - Are there any size/content limitations on any of the
fields. For example would the INPUT field accept only numeric data or
could I use it to enter the callsign and/or ALIAS of the nearest network
user port for a "network server".

Burt VE2BMQ

64. Re: [REGIONAL_FREQ:220] format

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 10 Feb 1997 00:21:52 -0600
To: regional_freq@tapr.org
Message-ID: <v03020706af246dc9a2dd@[208.134.134.40]>
Rendered body type: text/plain

>Would someone please elaborate on the following format fields:
>
>1/ SYSTEM TYPE - Are we limited to the stated entries or does anything
>go?

What else would you want to add ? We need to keep these fileds somewhat
limited so that anything used will appear in the avantual map system that
is bringing on-line. If there is a system type you think needs to be
added, please suggest it.

>2/ CITY, COUNTY, STATE, COUNTRY - Does this apply to the system, the
>licensee/sponsor, the submitter, or what????

These should be for the location.   Do any of us care where the submitter
is ? :-)

>3/ ORGANIZATION -Please explain difference between sponsor and
>organization?

Well. Oeganization would be

>4/ FREQ [1...n] - I presume that this applies to systems such as BPQ
>switches which use the same callsign on mulitple ports. So how are they
>to be entered? Space delimited? Comma delimited?

Yes. Tab delimited like everything else.

>5/ All fields - Which fields are required and/or which fields are
>optional and may be left blank?

STATE and CITY are required. LAT and LON are required if you want the data
to appear in the map system. Also the System type is required if you want
the map to display the correct type.

>6/ All fields - Are there any size/content limitations on any of the
>fields. For example would the INPUT field accept only numeric data or
>could I use it to enter the callsign and/or ALIAS of the nearest network
>user port for a "network server".

No, there are no limits to any field.

you shouldn't be putting information into a field that isn't support to be
there. Alias shouldn't appear in the FREQ field.   Until we have a spec on
how we want to show linkage, you should put information about connectivity
in the notes field. That is a more appor location.

Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

65. Re: [REGIONAL_FREQ:221] Re: format

From: Steve Stroh <strohs@halcyon.com>
Date: Mon, 10 Feb 1997 06:46:09 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <Pine.ULT.3.95.970210064500.13770B-100000@chinook.halcyon.com>

Rendered body type: text/plain

On Mon, 10 Feb 1997, Greg Jones, WD5IVD wrote:

> >Would someone please elaborate on the following format fields:
> >
> >1/ SYSTEM TYPE - Are we limited to the stated entries or does anything
> >go?
>
> What else would you want to add ? We need to keep these fileds somewhat
> limited so that anything used will appear in the avantual map system that
> is bringing on-line. If there is a system type you think needs to be
> added, please suggest it.

Bit regen repeater, audio repeater used for packet

Steve

--
Steve Stroh Woodinville, Washington, USA strohs@halcyon.com

66. Re: [REGIONAL_FREQ:222] Re: format

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 10 Feb 1997 09:31:35 -0600
To: regional_freq@tapr.org
Message-ID: <v0300780eaf24ef5b5724@[208.134.134.40]>
Rendered body type: text/plain

Not a new system type.

This would be a digipeater that has input and output fields different. If
you wanted, you could make a note of any specific elements in the NOTES
field.

Greg

>On Mon, 10 Feb 1997, Greg Jones, WD5IVD wrote:
>
>> >Would someone please elaborate on the following format fields:
>> >
>> >1/ SYSTEM TYPE - Are we limited to the stated entries or does anything
>> >go?
>>
>> What else would you want to add ? We need to keep these fileds somewhat
>> limited so that anything used will appear in the avantual map system that
>> is bringing on-line. If there is a system type you think needs to be
>> added, please suggest it.
>
>Bit regen repeater, audio repeater used for packet
>
>Steve
>
>--
>Steve Stroh Woodinville, Washington, USA strohs@halcyon.com

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

67. Re: [REGIONAL_FREQ:223] Re: format

From: Jeff King <jeff@mich.com>
Date: Mon, 10 Feb 1997 10:46:10 -0500
To: regional_freq@tapr.org
Message-ID: <2.2.32.19970210154610.006d7d6c@mail.mich.com>
Rendered body type: text/plain

>>Bit regen repeater, audio repeater used for packet
>>
>>Steve

At 09:30 AM 2/10/97 -0600, Greg Jones, WD5IVD wrote:
>Not a new system type.
>
>This would be a digipeater that has input and output fields different. If
>you wanted, you could make a note of any specific elements in the NOTES

>field.
>
>Greg
>

One of the biggest problems I have with my bit regen repeater (441.125+5mhz)
is explaining to folks they don't need to digipeat i.e. its a full duplex
repeater, NOT a digipeater. While I can see calling a crossband (aka kantronics
style) gateway a 'digipeater', do we want to call full duplex bit regen's
digipeaters? I'm concerned about continuing the confusion. The times my
bit regen was listed, it was listed as a repeater, not a digipeater in
the ARRL guide.

-Jeff

68. Re: [REGIONAL_FREQ:224] Re: format

From: Ken Chilton <chilton@emc.com>
Date: Mon, 10 Feb 1997 11:20:43 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <199702101620.LAA14645@lss1074.lss.emc.com>
Rendered body type: text/plain

In a prior message, Jeff King wrote:
> One of the biggest problems I have with my bit regen repeater (441.125+5mhz)
> is explaining to folks they don't need to digipeat i.e. its a full duplex
> repeater, NOT a digipeater. While I can see calling a crossband (aka kantronics
> style) gateway a 'digipeater', do we want to call full duplex bit regen's
> digipeaters? I'm concerned about continuing the confusion. The times my
> bit regen was listed, it was listed as a repeater, not a digipeater in
> the ARRL guide.

NESMC simply calls this a "digital repeater".
A "digipeater" uses one channel, a "digital repeater" uses two
simultaneously, a "crossband digital repeater" uses two simultaneously
in at least two seperate bands.

A bit regen system is not named distinctly from straight audio
repeats in the database. This feature speaks more of the system
quality than of coordination.

KA1TIH

69. Re: [REGIONAL_FREQ:225] Re: format

From: Ken Chilton <chilton@emc.com>
Date: Mon, 10 Feb 1997 12:01:02 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <199702101701.MAA15190@lss1074.lss.emc.com>
Rendered body type: text/plain

In a prior message, Ken Chilton wrote:
> NESMC simply calls this a "digital repeater".

Sorry, hit the SEND too soon....
This concerns NESMC area on 440, I do not know
if this applies on other bands...

Anyway, the naming seems appropriate and distinctive.

KA1TIH

70. Re: [REGIONAL_FREQ:221] Re: format

From: Burt Lang <burt@rocler.qc.ca>
Date: Mon, 10 Feb 1997 11:48:45 +0000
To: regional_freq@tapr.org
Message-ID: <32FF0B1C.52F@rocler.qc.ca>
Rendered body type: text/plain

Greg Jones, WD5IVD wrote:
> Burt Lang wrote:
> >Would someone please elaborate on the following format fields:
> >
> >1/ SYSTEM TYPE - Are we limited to the stated entries or does anything
> >go?
>
> What else would you want to add ? We need to keep these fileds somewhat
> limited so that anything used will appear in the avantual map system that
> is bringing on-line. If there is a system type you think needs to be
> added, please suggest it.

Like Gateway as in Internet gateway, HF Gateway, etc. There are even
"Radio Web Sites" being set up, how would you class them. Also does
spelling of the entry have to conform to the terms specified exactly or
would "Node" and "node" be incompatible with "Network Node"?

>
> >2/ CITY, COUNTY, STATE, COUNTRY - Does this apply to the system, the
> >licensee/sponsor, the submitter, or what????
>
> These should be for the location.   Do any of us care where the submitter
> is ? :-)

No, but I was wondering why you would have 2 sets of 2 fields with
exactly the same data (STATE) and CITY vs LOCATION???

>
> >3/ ORGANIZATION -Please explain difference between sponsor and
> >organization?
>
> Well. Oeganization would be

Oh, so you cannot explain the difference either :-)

>
> >4/ FREQ [1...n] - I presume that this applies to systems such as BPQ
> >switches which use the same callsign on mulitple ports. So how are they
> >to be entered? Space delimited? Comma delimited?
>
> Yes. Tab delimited like everything else.
>
> >5/ All fields - Which fields are required and/or which fields are
> >optional and may be left blank?
>
> STATE and CITY are required. LAT and LON are required if you want the data
> to appear in the map system. Also the System type is required if you want
> the map to display the correct type.
>
> >6/ All fields - Are there any size/content limitations on any of the
> >fields. For example would the INPUT field accept only numeric data or
> >could I use it to enter the callsign and/or ALIAS of the nearest network
> >user port for a "network server".
>
> No, there are no limits to any field.

But there are limits beyond which text scrolls to a new line in the
table cell. Give us that info (in an appropriate format doc) and we can
tailor our data to give the most compact display.

>
> you shouldn't be putting information into a field that isn't support to be
> there. Alias shouldn't appear in the FREQ field.   Until we have a spec on
> how we want to show linkage, you should put information about connectivity
> in the notes field. That is a more appor location.

Well, it would not be more appropriate (except to the software writer
trying to design the system). This Digital Directory is SUPPOSED to be
for the benefit of the user trying to find his way around the packet
network. Keeping this objective in mind, the most appropriate thing to
do is to place those fields he NEEDS to CONNECT to the desired system at
the beginning of the browser display, not way over beyond the right
margin requiring continuous scrolling to get at them. That means FREQ,
CALLSIGN/SSID, ALIAS, any alternate ALIAS' and SYSTEM TYPE at the
beginning of the browser line. And simplified so as not to occupy any
more space than necessary like "Digi" instead of Digipeater, Node vs
Network Node, APRS vs APRS Digi (I thought all APRS systems were
digis). Maybe network servers are unknown to you out there in the wild
west but around here they are very common. Then there are the
"Alternate ALIAS'" used with TheNET X1J. How can we help the user by
displaying them in the directory? They are there for the benefit of the
user. They are useless if the user cannot easily access them in the
directory.

I am sorry to have to ask all these dumb questions but if you had had
the foresight to have a good tech writer write up a proper FORMAT
definition document with a paragraph explaining each field in detail,
you would not be bothered now with all these people asking you the same
questions. Nothing personal meant, Greg - that problem is common to the

majority of hi tech software writers. They write great software but
cannot explain it in terms a newcomer can understand. :-(

Burt VE2BMQ

71. Re: [REGIONAL_FREQ:225] Re: format

From: Burt Lang <burt@rocler.qc.ca>
Date: Mon, 10 Feb 1997 12:39:48 +0000
To: regional_freq@tapr.org
Message-ID: <32FF1714.4519@rocler.qc.ca>
Rendered body type: text/plain

Ken Chilton wrote:
>
> In a prior message, Jeff King wrote:
> > One of the biggest problems I have with my bit regen repeater (441.125+5mhz)
> > is explaining to folks they don't need to digipeat i.e. its a full duplex
> > repeater, NOT a digipeater. While I can see calling a crossband (aka kantronics
> > style) gateway a 'digipeater', do we want to call full duplex bit regen's
> > digipeaters? I'm concerned about continuing the confusion. The times my
> > bit regen was listed, it was listed as a repeater, not a digipeater in
> > the ARRL guide.
>
> NESMC simply calls this a "digital repeater".
> A "digipeater" uses one channel, a "digital repeater" uses two
> simultaneously, a "crossband digital repeater" uses two simultaneously
> in at least two seperate bands.
>
> A bit regen system is not named distinctly from straight audio
> repeats in the database. This feature speaks more of the system
> quality than of coordination.
>
> KA1TIH

On the other hand I have a number of SPLIT FREQ SIMPLEX NODES in my
network. This is a technique used to maximize the number of nodes that
can be put on one site in the minimum number of spectrum subbands. They
are NOT repeaters but they use 2 separate freqs.

If you get too generalized in your definitions, then the whole purpose
of helping the user use the packet system in a region becomes
compromised and confused.

Burt>>>

72. Re: [REGIONAL_FREQ:228] Re: format

From: Burt Lang <burt@rocler.qc.ca>
Date: Mon, 10 Feb 1997 13:23:44 +0000
To: regional_freq@tapr.org
Message-ID: <32FF2160.D04@rocler.qc.ca>
Rendered body type: text/plain

Burt Lang wrote:

>
> On the other hand I have a number of SPLIT FREQ SIMPLEX NODES in my
> network. This is a technique used to maximize the number of nodes that
> can be put on one site in the minimum number of spectrum subbands. They
> are NOT repeaters but they use 2 separate freqs.
>
>

Before someone else jumps on me and points out that such systems are the
ultimate in HTS prone systems, let me clarify it slightly. The split
freq systems we are using are on point to point backbone links and so do
not affect phase one user port data for the directory. I was simply
pointing out that split freq non-repeater systems do exist and should be
accommadated if only in phase two of the directory.

Excuse the possible misundertanding.

Burt>>>

73. Re: [REGIONAL_FREQ:223] Re: format

From: Steve Stroh <strohs@halcyon.com>
Date: Mon, 10 Feb 1997 11:59:27 -0800 (PST)
To: regional_freq@tapr.org

Message-ID: <Pine.ULT.3.95.970210115749.12643B-100000@coho.halcyon.com>
Rendered body type: text/plain

On Mon, 10 Feb 1997, Greg Jones, WD5IVD wrote:

> Not a new system type.
>
> This would be a digipeater that has input and output fields different. If
> you wanted, you could make a note of any specific elements in the NOTES
> field.

I disagree STRONGLY. A bit regen repeater is very, VERY different than a
digipeater with different input and outputs. Also an audio repeater is
different.

> >> What else would you want to add ? We need to keep these fileds
somewhat
> >> limited so that anything used will appear in the avantual map system that
> >> is bringing on-line. If there is a system type you think needs to be
> >> added, please suggest it.
> >
> >Bit regen repeater, audio repeater used for packet

--
Steve Stroh Woodinville, Washington, USA strohs@halcyon.com

74. Re: [REGIONAL_FREQ:230] Re: format

From: John Ackermann AG9V <jra@febo.com>
Date: Mon, 10 Feb 1997 16:23:22 -0500
To: regional_freq@tapr.org
Message-ID: <199702102123.QAA25576@meow.febo.com>
Rendered body type: text/plain

>
>
> On Mon, 10 Feb 1997, Greg Jones, WD5IVD wrote:
>
> > Not a new system type.
> >
> > This would be a digipeater that has input and output fields different. If
> > you wanted, you could make a note of any specific elements in the NOTES
> > field.
>
> I disagree STRONGLY. A bit regen repeater is very, VERY different than a
> digipeater with different input and outputs. Also an audio repeater is
> different.

I agree with Steve (and the others) on this point. A bit regen repeater is a
fundamentally different beast than any kind of digipeater, for one simple
reason: it's transparent to the digital side of the system -- your TNC
doesn't know it exists. For that reason, it should be listed separately.

I don't know if there's any value in listing an audio repeater being used for
packet separately from a bit regen. The difference there is more in quality
than in kind.

John

75. Re: [REGIONAL_FREQ:224] Re: format

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 10 Feb 1997 15:25:06 -0600
To: regional_freq@tapr.org
Message-ID: <v03007812af254260de49@[208.134.134.40]>
Rendered body type: text/plain

>One of the biggest problems I have with my bit regen repeater (441.125+5mhz)
>is explaining to folks they don't need to digipeat i.e. its a full duplex
>repeater, NOT a digipeater. While I can see calling a crossband (aka
>kantronics
>style) gateway a 'digipeater', do we want to call full duplex bit regen's
>digipeaters? I'm concerned about continuing the confusion. The times my
>bit regen was listed, it was listed as a repeater, not a digipeater in
>the ARRL guide.

Okay.

So under system type we add 'Digitial Repeater'

Then under the notes, someone can describe if it is a bitregen or audio system.

Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

76. Descriptions of database and Examples page

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 10 Feb 1997 16:01:25 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03020705af254aa5d03f@[208.134.134.40]>
Rendered body type: text/plain

Burt,

Why don't you take the web pages in question and rework them (the how to
and the example pages) and let us benefit from your insight on how to
describe them in such a way that people can really benefit from
understanding them.

That would simplfy the process a lot....then we can look over your stuff
and incorporate it into the current system.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

77. Search Page and Map Page

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Fri, 14 Feb 1997 01:23:01 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0300780eaf29c143c540@[192.168.1.2]>
Rendered body type: text/plain

The search page is now on-line for searching the NADSD. You can reach the
search page from any of the listing pages. It will be updated at 2:55am CT
each morning. This was one of the last major items that I needed to get
working.

We still could use someone working on the examples page. Burt just
submitted a great looking replacement for the how it works page
(http://www.tapr.org/directory/how.html). Take a look.

We have the prelim map page on-line as well. It can be reached from any of
the listing pages. THIS IS STILL UNDERCONSTRUCTION. From looking at the
input data into the system, much of the data is going to need to be
tweaked. Carl has a full listing and should be contacting or posting
something here to help get some of the stuff standardized between listings.

Pretty cool to see the map fill in.

Steve Dimse will be working on the map in the coming weeks, so please keep
in mind this is very early into the implementation of the mapping part of
the system.

If you have thougths or comments, be sure to post them here or send them to
Carl so he can send them along to the committee.

All yours Carl, that about does it for my major involement in the system
and bringing it up to speed and getting it on-line. Most of the work now
will be getting the data we have on the system corrected and LAT/LON data
added and also getting more states covered.

The NADSD is really looking nice, considering this all started less than 3
months ago. Good work everyone!

I'll resume my lurking mode now.

Cheers -- Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

78. Re: [REGIONAL_FREQ:234] Search Page and Map Page

From: "Jay Townsend" <jayt@iea.com>
Date: Fri, 14 Feb 1997 08:38:05 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <199702141638.IAA03756@comtch.iea.com>
Rendered body type: text/plain

Greg Jones, WD5IVD wrote:
>
> The search page is now on-line for searching the NADSD. You can reach the
> search page from any of the listing pages. It will be updated at 2:55am CT
> each morning. This was one of the last major items that I needed to get
> working.
>
> We still could use someone working on the examples page. Burt just
> submitted a great looking replacement for the how it works page
> (http://www.tapr.org/directory/how.html). Take a look.
>
> We have the prelim map page on-line as well. It can be reached from any of
> the listing pages. THIS IS STILL UNDERCONSTRUCTION. From looking at the
> input data into the system, much of the data is going to need to be
> tweaked. Carl has a full listing and should be contacting or posting
> something here to help get some of the stuff standardized between listings.
>
> Pretty cool to see the map fill in.
>
> Steve Dimse will be working on the map in the coming weeks, so please keep
> in mind this is very early into the implementation of the mapping part of
> the system.
>
> If you have thougths or comments, be sure to post them here or send them to
> Carl so he can send them along to the committee.
>
> All yours Carl, that about does it for my major involement in the system
> and bringing it up to speed and getting it on-line. Most of the work now
> will be getting the data we have on the system corrected and LAT/LON data
> added and also getting more states covered.
>
> The NADSD is really looking nice, considering this all started less than 3
> months ago. Good work everyone!
>
> I'll resume my lurking mode now.
>
> Cheers -- Greg
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>
>
>
I have asked and asked to be removed from this reflector. I asked Greg, I
emailed the administrator. All attempts by me to do so have resulted in
rejection of my input.

Guess its time for someone to figure it out as I plan on sending each and
every message back to the reflector.

--

79. The NADSD is growing!

From: Carl Estey <cestey@millcomm.com>
Date: Sat, 15 Feb 97 02:55 CST
To: REGIONAL_FREQ@tapr.org
Message-ID: <1.5.4.16.19970215084402.1d27a4b8@millcomm.com>
Rendered body type: text/plain

Here are a few statistics you might enjoy knowing - I hope you find the joy
in them I did because they show that OUR project is growing by leaps and bounds.

# of registered data providers: 78 in 3 countries, 4 Canadian provinces and
36 U.S. States.

The database has 2,647 entries covering 35 States, 3 Provinces, 1 Territory
and 1 Mexican State.

I know that many of you have been working hard to get your files uploaded
and they really look good. Some of you with special talents have been
whipping up some real nice stuff that we will all enjoy using . . . and its
time to say thanks.

Special thanks to Burt, VE2BMQ for making the "how-to" pages more readable
and comprehensive (Take a peek at Burt's handywork at
http://www.tapr.org/directory/how.html)

And another BIG thanks to Steve Dimse for his wonderful APRS/JAVA mapping
software. The maps are great - and neat to look at. Try them at:
http://www.tapr.org/directory/mapdir.html

And the final big thanks to Greg Jones, WD5IVD, for the months of hard work
and many midnight hours he has given to create the database and programs
that make the NADSD possible.

I am proud of the efforts of so many people who have made what it is - it
looks terrifc. And with a little more work we will polish a few of the
rough edges ... and a lot more files will be added. Enjoy the NADSD - YOU
have made it possible!

Best wishes,

Carl - WA0CQG

80. SC Digital Sytems list

From: The Kents <the.kents@bigfoot.com>
Date: Tue, 18 Feb 1997 17:20:55 -0500
To: regional_freq@tapr.org
Message-ID: <01IFKI6R8D10948069@InfoAve.Net>
Rendered body type: text/plain

Finally got the SC data posted and had only one glaring typo on the first
try and fixed it already. There are likely some not so obvious that I'll
hear about.
I want to thank all on this list for posting all the great tips and to
thank those who made loading the data so easy.
My biggest problem was gathering the data.

The site looks great!   Am proud to be part of it.

George Kent
Lancaster, SC
KD4DVT@KD4DVT.#LANC.SC.USA.NOAM

81. NADSD pages

From: The Kents <the.kents@bigfoot.com>
Date: Wed, 19 Feb 1997 13:04:06 -0500
To: regional_freq@tapr.org
Message-ID: <01IFLNH2XNZ096JJAQ@InfoAve.Net>
Rendered body type: text/plain

Why is the web page showing the "county" data in the "location" column?

George Kent
Lancaster, SC
KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
grkent@bigfoot.com

82. Re: [REGIONAL_FREQ:238] NADSD pages

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 19 Feb 1997 14:51:37 -0600
To: regional_freq@tapr.org
Message-ID: <v03007820af3116593b3e@[192.168.1.2]>
Rendered body type: text/plain

Easy enough to answer. Location is the County field. The actual
geographic field is not displayed now becuase we were trying to reduce the
size of the table to help with the display problem under Netscape 3.0.
Until I get the software written to break the pages up we will keep that
field off.

Here is what the code does currently. When the geographic field is added
back in, I'll probably delete this code segment.

```
if ($county eq "") {
        $county = $geogarea;
}
```

If someone has a county field, I took that to be more accurate then a part
of the state. While if the county is missing then geogarea is probably as
accurate as we can get.

Cheers - Greg

> Why is the web page showing the "county" data in the "location" column?
>
>
>George Kent
>Lancaster, SC
>KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
>grkent@bigfoot.com

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

83. [Fwd: Re: Location Field at AR listing]

From: Mike Nettles <miken@insolwwb.net>
Date: Wed, 19 Feb 1997 15:22:59 -0600
To: regional_freq@tapr.org
Message-ID: <330B6F33.671C@insolwwb.net>
Rendered body type: text/plain

After seeing someone else ask the same question I did a few ago I
thought I would post the reply I received about the "LOCATION" field.
--
Mike Nettles KB5WBH
http://www.insolwwb.net/~miken
http://pager.blyonline.com/~mcara

84. Internet Message

From: MPJF07A@prodigy.com (MR CHARLES F BONFIGLIO)
Date: Thu, 20 Feb 1997 16:35:18, -0500
To: regional_freq@tapr.org
Message-ID: <199702202135.QAA13870@mime2.prodigy.com>
Rendered body type: text/plain

Hi! greetings from KB2ZFJ. kEEP IN TOUCH.

85. Re: [REGIONAL_FREQ:239] Re: NADSD pages

From: George Kent <grkent@bigfoot.com>
Date: Fri, 21 Feb 1997 16:55:30 -0500
To: regional_freq@tapr.org
Message-ID: <01IFOO5MB33W96O9IJ@InfoAve.Net>
Rendered body type: text/plain

On Wed, 19 Feb 1997 15:05:33 -0600 (CST)
"Greg Jones, WD5IVD" <wd5ivd@tapr.org> wrote:

> Easy enough to answer. Location is the County field. The actual
> geographic field is not displayed now because we were trying to reduce the
> size of the table to help with the display problem under Netscape 3.0.
> Until I get the software written to break the pages up we will keep that
> field off.
>
> Here is what the code does currently. When the geographic field is added
> back in, I'll probably delete this code segment.
>

> if ($county eq "") {
> $county = $geogarea;
> }
>
> If someone has a county field, I took that to be more accurate then a part
> of the state. While if the county is missing then geogarea is probably as
> accurate as we can get.
>
> Cheers - Greg
>
>
> > Why is the web page showing the "county" data in the "location" column?
> >
> >
> >George Kent
..
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>
If the county is in the Location column then is should be titled County.
I have had several ask me about this.
I realize that the display may be changed to add columns.
..
I also wonder where the frequencies (Cols AC..AD) will be shown.

George Kent
Lancaster, SC
KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
grkent@bigfoot.com

86. Based on popular demand

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Fri, 21 Feb 1997 16:48:14 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03007816af33d2fe3a6c@[208.134.134.40]>
Rendered body type: text/plain

I am putting the county, location, and geo-area fields all back on to the
web pages. The reason these fields got stuffed together was as part of the
test to see if a little bit less was the solution for the viewers at hand
with the size of tables. I think this test is over, so might as well move
the display back the way it was.

Whats a few extra bytes per line among friends.

The multiple page code is about ready and should solve the problem of
loading states that have more than 200 listings.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

87. NADSD: View from DX Cluster

From: w6go@netcom.com (Jay O'Brien - W6GO)
Date: Fri, 21 Feb 1997 17:16:08 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <199702220116.RAA09729@netcom4.netcom.com>
Rendered body type: text/plain

[Empty message body]

88. NADSD: View from DX Cluster

From: w6go@netcom.com (Jay O'Brien - W6GO)
Date: Fri, 21 Feb 1997 17:23:39 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <199702220123.RAA10254@netcom4.netcom.com>
Rendered body type: text/plain

This is a resend of a message which was sent to the wrong address.
Obviously my fingers are dyslexic as I sent it to
"regoinal_freq@tapr.org" instead of to the correct address,
"regional_freq@tapr.org". Whoops!!

Date: Fri, 21 Feb 1997 00:04:06 -0800 (PST)
Cc: frenaye@pcnet.com, cestey@millcomm.com, wd6cmu@netcom.com,
    k6el@juno.com, n7tr@rnodx.org, n7qq@ix.netcom.com

From: Jay O'Brien, W6GO, Tech Committee Chairman, DXPSN:

  I was recruited by a message on the packetcluster reflector by Tom Frenaye, K1KI, to sign up as a NADSD data provider for our network, reinforced by a followup message from my ARRL Division Director Brad Wyatt, K6WR. I signed up as suggested and have uploaded data for our DX Cluster.

  As a new provider of data to the NADSD, I have several comments.

  I am also new to the regional_frequency reflector (mailing list), so I am not privy to what has been discussed here on this subject and I request your tolerance for bringing up what may have been discussed here perhaps even yesterday. I also do not claim to be knowledgeable about the "conventional" packet network or any derivitive such as TCP/IP. My concern is for the DX Cluster and I recognize my myopia.

  At first I understood that the NADSD would be a master listing of all nodes and frequencies used by digital amateur operations. I understood that this would perhaps buy us some credibility on the national scope of things, perhaps even to the "single point of contact" with the FCC. I felt this would help our local situation here because our local frequency coordination body has ignored our repeated requests for link frequencies in the 420-430 MHz range.

  I learned, after reviewing the data and the concept, that the NADSD was really only the replacement for the digital information previously carried in the ARRL Repeater Directory (which I pioneered when chairman, years ago, of the now defunct ARRL Repeater Advisory Committee). My expectations about what the NADSD can do for our operations are now somewhat lowered. However, it does serve a useful purpose, that of informing the potential user of our network. So, as Technical Committee Chairman of our network, the DXPSN (Northern California and Northern Nevada), I prepared data in the prescribed format and uploaded it to the NADSD.

  I didn't like the format of what I saw displayed on the web page, so I experimented and uploaded again and again and again. I am still not happy with what is there, as the database structure does not begin to fit our DX cluster. I have had to make "work arounds" to better describe our system to potential users. It seems to me that since this is a new effort, it could be designed to better suit our needs, but we DXers have always had to do our own thing even if it doesn't "fit" the "norm", even though we may well have more users than the "norm".

  I talked with Burt Lang, VE2BMQ, on the phone, to determine his involvement. I found that Burt only rewrote the database description and documentation, which (as expected from Burt) are clear, concise and easy to understand. Unfortunately, the database and implementation he describes is not validated by the process or followed by the data providers (me included).

  Here's my comments for what they are worth.

  There is no validation of input data. Almost anything is accepted in any field, and my casual review of data from other states shows no attention given to standardization of data. Examples: "Software Used" field entries of X1J4, OSKbox. If there are to be specified acceptable entries, they should be enforced by the program.

  Input to the database is accepted from multiple sources for the same node. Example: My Rio Linda, CA, W6GO node. I don't know how to fix this, but only one source should be accepted for any one node. If I was "in charge", I wouldn't begin to know which input to select when there are more than one for any particular node.

  Input to the database is accepted with no submitter data. Example Monterey, CA 144.97. Submitter data really ought to be a required field, otherwise who would you contact to ask about the data?

Input to the database is accepted from sources not listed in the "Participating Digital Groups" listing. Example: Redding, CA 144.93. What good is a "Participating Digital Groups" list if input is also accepted from others not on the list?

Input to the database is accepted without a last update date field. Example: Redding, CA 144.93. There should never be an undated record in the database.

The display of the database to the user does not agree with the fields input by the data sources. For instance, the "Location" field displayed to the user does not use the data uploaded in the "Location" field by the data source. Instead, the displayed "Location" data is taken from the uploaded "County" field if it has data, otherwise it is taken from the uploaded "Geog Area" field. The "Location" field displayed to the user NEVER gets the data which was uploaded in the "Location" field. Why bother naming fields if they are not used as described?

The data format does not handle many of our DX cluster network implementations. For instance, the K6UR PacketCluster node does not have any direct user access. Instead, it is fed by three different dual-frequency X1J node stacks. Users, for instance, connect to "DX" at Mt. Adeliade on 145.77. The W6TG-1:DX7 X1J4 node accepts DX as a connect-to alias and that connect is forwarded, L3, via a 70cm link to the K6UR node. I have listed the W6TG-1 node under the city field of "Bakersfield" and show the Location as "Mt. Adeliade" by leaving the "County" field blank and inputting "Mt. Adeliade" in the "Geog Area" field. I inputted "(K6UR)" in the Alias field so that users would see "W6TG-1,(K6UR)" in the "Call, Alias" field and hopefully understand that a connect here would be routed to K6UR. In the "Notes" field I inputted "connect to DX" so that users would make their connect to the DXCALIAS "DX" and be connected to K6UR. The only node entry for K6UR is a dummy entry I created WITHOUT a frequency! (See Hanford, CA) Has this data format been examined and agreed to by the YCCC or some other DX Cluster representative?

My "work around" will be scuttled the next time the database writers make a change in the way the inputted fields are displayed to the user, and I won't even know about it so I can take defensive action. I have placed data in "wrong" fields as a workaround to better describe our network, and I will be "wrong" if the database display is changed by the database writer(s). It appears that no procedure is in place to advise data contributors of changes, so any change that should be accompanied by corrected uploaded data may go un-noticed by the data provider.

If this database is to be of use to the user who just took his TNC out of the packing box, then it should be easy for him to use. At least in the case of the DXPSN, the lookups are quite confusing, even with the workarounds I have taken.

I don't have answers to the items I have identified as problems to me. It appears that the creators of the database are not at all familiar with what is being done by us in the DX spotting network.

Perhaps we really should not be part of the NADSD at all, but it is my understanding that ARRL Director K1KI, who is the President of the YCCC (which has the largest DX Spotting network in the world) is pushing the NADSD, based on his message to me. Perhaps Tom has already considered the items I raise and has answers to my concerns. I hope so.

In the meantime I will continue to attempt to match the NADSD and keep our data correct and current. I would hope that the list of "Participating Digital Groups" email addresses and the email addresses of data providers, if different, will be used to advise the data providers of any changes planned in the way data is presented on the web page before those changes are made so that data files can be prepared to comply with such changes before the changes are made. I do not intend to review the database every day to identify changes in the web page display, and notification will be much appreciated.

On the subject of changes, I note that the "how-to" link was changed between February 12th and 13th. To identify the changes, I had to print both and then compare the old and the new. The changes were minor (System Type "Network Node" changed to "NODE" and many "preset" entries changed from mixed case to all caps) but I had to compare word-for-word to find the changes. Changes to directives should be detailed so that we can immediately and easily find changes made by the controllers of the database. I have no problem with changes being made, because that is a fact of database management, but I resent being obliged to hunt for them

on my own. If there is a reason for a change, there is also a reason for a change notice and explanation. Such should be sent to the email addresses of all providers of data, as we provide in the uploaded data.

When a database can be created which will document the non-user (backbone) frequencies of digital networks, I am prepared to place our data into that database. I suggest that such a database should have limited access. I feel that such a database is necessary to show our use of the spectrum, which then justifies our continued use and would provide backup data for the acquisition of necessary additions.

Sorry to be so verbose, but as I have spent over two full days experimenting with this database and its peculiarities, I feel justified in venting to any and all who may agree or disagree. Perhaps my comments may help to make the database more useful to both the general public and to those of us who are concerned with coordination.

Thanks to the TAPR NADSD team who have taken on this task. I suspect they have bitten off more than they expected! It is really needed, and I hope they take this as constructive, rather than destructive, criticism. I'm sure that they, like me, want the NADSD to be a useful, effective, current tool.

73, Jay
w6go@netcom.com

89. NADSD changes?

From: w6go@netcom.com (Jay O'Brien - W6GO)
Date: Fri, 21 Feb 1997 21:19:43 -0800 (PST)
To: regional_freq@tapr.org (tapr_freq_coord !)
Cc: frenaye@pcnet.com, k6el@juno.com, n7tr@rnodx.org
Message-ID: <199702220519.VAA19555@netcom10.netcom.com>
Rendered body type: text/plain

I see that the fields have changed since yesterday, and now my browser (Netscape 3.01) will not print the California database. It will still print Nevada ok, but not California.

I also see that the County and Geographical Location fields are now displayed on the web page. This apparently makes the California database much wider, and it is wider than a screen. Nevada isn't widened, however, and still fits on a screen. I don't know if this is related to my inability to print.

It appears that this database is a moving target. Should I just delete my file and come back in a few months?

73, Jay
w6go@netcom.com

90. Re: [REGIONAL_FREQ:246] NADSD changes?

From: Carl Estey <cestey@millcomm.com>
Date: Sat, 22 Feb 97 08:26 CST
To: w6go@netcom.com
Cc: REGIONAL_FREQ@tapr.org
Message-ID: <1.5.4.16.19970222141444.23777dde@millcomm.com>
Rendered body type: text/plain

Jay -

My detailed responses to your comments and those of others, about the issues you raised will be forthcoming this weekend. An average of 30 emails each day - many who need help in uploading or verifying files (often fairly time-consuming) means I am swamped right now - and the announcement in QST is increasing the e-mail flow.

As the focal point for the NADSD project - and one of the founders - I feel your comments deserve a thorough response - and Iwill be give them that.

Your message about NADSD changes is surprising because:

a. The changes were made because of YOUR comments and those of others. In simple words - on things like LOCATION, Greg fixed quickly want you felt was wrong. He and I had reasons for why it had been done initially the way it was, but your comments and those of others previously made us decide to change to what folks seem to think it better. So Greg made the change AND ....

b. He simultaniously posted the changes in REGIONAL_FREQ which is where the NADSD advertises that all changes are announced.

You do subscribe and read that mail reflector?

Best wishes,

Carl - WA0CQG
----
 of the arrl At 11:26 PM 2/21/97 -0600, you wrote:
>I see that the fields have changed since yesterday, and now my browser
>(Netscape 3.01) will not print the California database. It will still
>print Nevada ok, but not California.
>
>I also see that the County and Geographical Location fields are now
>displayed on the web page. This apparently makes the California database
>much wider, and it is wider than a screen. Nevada isn't widened, however,
>and still fits on a screen. I don't know if this is related to my
>inability to print.
>
>It appears that this database is a moving target. Should I just delete
>my file and come back in a few months?
>
>73, Jay
>   w6go@netcom.com
>
>
>

91. Re: [BBSSIG:4147] Re: packet message to arrl

From: w1eo%w1eo.bbs@w1eo.ampr.org
Date: Sun, 23 Feb 97 13:19:54 UTC
To: nadsd@tapr.org
Message-ID: <20359@w1eo.ampr.org>
Rendered body type: text/plain

R:970223/1310 2669@W1EO.FN42IM.MA.USA.NOAM

> TAPR is already putting a digital directory "online" (Internet), which is
> great for internet users but completely useless to a packet radio operator.
>
> It would be nice to see at least some token effort to make the information
> available on the *Packet Radio Network* as well.
>
> 73 DE Charles Brabham, N5PVL
> Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM
> E-Mail : n5pvl@texoma.com
> Web : http://www.texoma.com/~n5pvl
I concur. Perhaps a bulletin addresses @ssBBS where 'ss' is the state
abreviation and the text is the state's database? Perhaps once a month?
[TAPR is a non-profit organization and the information concerns ham radio.]
abreviated data would be fine - freq, callsign, type, area covered??

                        ------- 73 DoC -------
 □□□□

we can implement something to provide a feed and accept input from the
"radio" side of Amateur Radio. Is there a way we can do this real soon? I
know the NADSD group has a lot of details to work and few hands to do it -
but this is something we need to do real soon.

Thanks to Greg and others for considering this. And to DoC and Charles for
reminding us .....

Best wishes,

Carl - WA0CQG

 At 07:28 AM 2/23/97 -0600, you wrote:
>R:970223/1310 2669@W1EO.FN42IM.MA.USA.NOAM
>
>> TAPR is already putting a digital directory "online" (Internet), which is
>> great for internet users but completely useless to a packet radio operator.
>>
>> It would be nice to see at least some token effort to make the information
>> available on the *Packet Radio Network* as well.
>>
>> 73 DE Charles Brabham, N5PVL
>> Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM
>> E-Mail : n5pvl@texoma.com
>> Web : http://www.texoma.com/~n5pvl
>I concur. Perhaps a bulletin addresses @ssBBS where 'ss' is the state
>abreviation and the text is the state's database? Perhaps once a month?
>[TAPR is a non-profit organization and the information concerns ham radio.]
>abreviated data would be fine - freq, callsign, type, area covered??
>
>
>   ------- 73 DoC -------
> É͸͸͸»
> º   Sysop at w1on.fn42jm.ma.usa.noam and at switch.bedford [44.56.4.1]   º
> º   and at Boston's APRS HF gateway   -   amprnet [44.56.4.78] at home   º
> º   Reply to w1eo@w1on.fn42jm.ma.usa.noam or w1eo@switch.bedford.ampr.org   º
> º   No INTERNET connections - forwarding only via radio.   º
> º   Remember to "Elmer" someone today - Its a great hobby folks.   º
> È͸͸͸¼
>
>
>

93. ARRL digital distribution!

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 23 Feb 1997 12:05:50 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <Pine.GSO.3.95.970223115639.7652K-100000@arctic>
Rendered body type: text/plain

On Sun, 23 Feb 1997, someone wrote:

> TAPR is already putting a digital directory "online" (Internet), which is
> great for internet users but completely useless to a packet radio operator.

Just press the PRINT button and give a copy to your friends without Inet
Or copy the files and put them on your BBS!   Geez....

Having a freah copy antime is far better than waiting once a year for
the outdated ARRL directory. In fact, you could even get a
horse and buggy and ride it out to texas and make a copy and then drive
your horse all around the country and deliver it to any amateurs at their
doorstep... Don't limit yourself...

94. Re: packet message

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Sun, 23 Feb 97 14:40:32 CST
To: regional_freq@tapr.org
Message-ID: <325476@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

On Sun, 23 Feb 1997 W1EO wrote:

> TAPR is already putting a digital directory "online" (Internet),
> which is great for internet users but completely useless to a
> packet radio operator.
>

and then N5VPL wrote:

> I concur. Perhaps a bulletin addressed @ssBBS where 'ss' is the
> state abreviation and the text is the state's database? Perhaps
> once a month? (abreviated data would be fine - freq, callsign,
> type, area covered??)
>

and Carl WA0CQG replied:

> ... I do want to encourage Greg and others to look at the
> suggestion of W1EO and N5PVL (and probably the same feelings of
> others who didn't write or aren't on the Internet) and see if we
> can implement something to provide a feed and accept input from
> the "radio" side of Amateur Radio. Is there a way we can do this
> real soon? I know the NADSD group has a lot of details to work
> and few hands to do it - but this is something we need to do real
> soon.
>

and finally Bob Bruninga added:

> Just press the PRINT button and give a copy to your friends
> without Inet or copy the files and put them on your BBS!   Geez....
>
> Having a fresh copy antime is far better than waiting once a
> year for the outdated ARRL directory. In fact, you could even
> get a horse and bugy ... [deleted]
>

1. If (a big IF) NADSD could generate ascii text e-mail bulletins
2. for each state containing abreviated data (suggested by N5PVL)
3. then at some timed interval (quarterly was suggested above)
4. SMTP it to the packet/Internet gateways for AX25 forwarding
5. then everyone has access to updated info...

This JNOS (bbs.wd4roj.ampr.org / WD4ROJ.#SEAL.AL.USA.NOAM)
gateway would be glad to receive bulletins for the southeastern
USA and then ax25 forward them.

+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

95. Re: [REGIONAL_FREQ:251] Re: packet message

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Sun, 23 Feb 1997 15:25:59 -0600
To: regional_freq@tapr.org
Message-ID: <v03007805af3665c9ea1b@[208.134.134.40]>
Rendered body type: text/plain

>1. If (a big IF) NADSD could generate ascii text e-mail bulletins

The system can generate many types of report, just a matter of me
programming it. However, I would suggest that any e-0mail being placed on
the packet systems needs to be origainted by a person, not a system. I
could generate a report and then mail that to someone to post.

>2. for each state containing abreviated data (suggested by N5PVL)

What would this data format look like ? Figure that it has to be fixed
format and within 80 char in length per line.

>3. then at some timed interval (quarterly was suggested above)

that would work.

>4. SMTP it to the packet/Internet gateways for AX25 forwarding

See (1) above. I think a human should post it and be responsible for
replies back over packet radio.

>5. then everyone has access to updated info...

That would be great. Who is willing to do the job now ?

I'll take the time to write the code for the system, but is someone willing
to take the time and energy to handle the distribution on the packet radio

side of things ?

Cheers - Greg, WD5IVD

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

96. Re: packet message

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Sun, 23 Feb 97 16:24:20 CST
To: regional_freq@tapr.org
Message-ID: <325544@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

On Sun, 23 Feb, Greg WD5IVD replied:

> > 4. SMTP it to the packet/Internet gateways for AX25 forwarding
> See (1) above. I think a human should post it and be responsible for
> replies back over packet radio.
>
> > 5. then everyone has access to updated info...
> That would be great. Who is willing to do the job now ?
> I'll take the time to write the code for the system, but is someone willing
> to take the time and energy to handle the distribution on the packet radio
> side of things ?
>

I still have the current ascii file that I generated and forwarded to
Alabama before NADSD. I admit up 'up front' that our small file does not
include any Nodes and I DON'T KNOW WHAT TO DO WITH TEXAS... Anyway, even
if NADSD doesn't generate anything for nation-wide use - I will continue
to make my file available on packet.

```
======================================================================
Northern Region Net:                                UPDATED: 24 DEC 96
--------------------                                ------------------
Location        Output    Call / Hierarchical address  Notes  Sponsor
--------------  --------  ---------------------------- -----  ----------
Blountsville    145.050   W4BLT.#NOAL.AL.USA.NOAM       m      BCRC, Inc
Decatur         145.070   KB4OON.#NOAL.AL.USA.NOAM      m      KB4OON
Decatur         145.590   W4ZJY.#NOAL.AL.USA.NOAM       m      W4ZJY
Haleyville      145.010   KB4BOU.#NWAL.AL.USA.NOAM      m      KB4BOU
Huntsville      145.650   K4BFT.#HSV.AL.USA.NOAM        m      HUNTSPAC
Huntsville      147.565   N8DEU.#HSV.AL.USA.NOAM        mg(S)  N8DEU
Lacey's Spring  145.050   KE4AHR.#HSV.AL.USA.NOAM       m      KE4AHR
Muscle Shoals   145.070   W4JNB.#MSL.AL.USA.NOAM        m      W4JNB
Warrior         145.030   KD4CIF.#NOAL.AL.USA.NOAM      m      KD4CIF

Central Region Net:
--------------------
Birmingham      145.670   W4CUE.#BHM.AL.USA.NOAM        m      BARC
Clay            145.030   WB7QJG.#NOAL.AL.USA.NOAM      m      WB7QJG
Irondale        145.030   WB4OWC.#NOAL.AL.USA.NOAM      m      WB4OWC
Jasper          145.030   KD4OUF.#NOAL.AL.USA.NOAM      m      KD4OUF
Piedmont        145.630   N4WOM.#CENAL.AL.USA.NOAM      m      N4WOM
Talladega       145.050   AD4DB.#TALAL.AL.USA.NOAM      m      AD4DB

Capital Region Net:
--------------------
Auburn          145.650   K4RY.#CENAL.AL.USA.NOAM      mg(I) EAARC/AUARC
Auburn          145.650   W4LEE.#CENAL.AL.USA.NOAM     mg(I) EAARC/AUARC
Montgomery      145.690   W4AP.#CENAL.AL.USA.NOAM       m      MARC
Phenix City     145.090   WB4MLE.#CENAL.AL.USA.NOAM     m      WB4MLE
Tallassee       145.690   KD4CGA.#TALSE.AL.USA.NOAM     m      KD4CGA

Southern Region Net:
--------------------
Andalusia       145.090   KE4RRB.#SCAL.AL.USA.NOAM      m      KE4RRB
Bay Minette     144.930   AE4ZP.#MOBAL.AL.USA.NOAM      m      AE4ZP
Enterprise      145.670   WD4ROJ.#SEAL.AL.USA.NOAM      mg(I)  EARS
Fairhope        145.090   KC4AUK.#FHP.AL.USA.NOAM       m      KC4AUK
Mobile          145.090   W4IAX.#MOBAL.AL.USA.NOAM      m      MblARC
Mobile          144.930   WA4WBI.#MOBAL.AL.USA.NOAM     mg(I)  WA4WBI
Ozark           145.030   WL7EC.#SEAL.AL.USA.NOAM       mg(S)  WL7EC
```

```
m = BBS  /  g = gateway  /  I = Internet  /  S = Satgate  /  H = HF
================================================================================

+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
```

97. State of Georgia

From: doug.reed@juno.com (Douglas J. Reed)
Date: Sun, 23 Feb 1997 18:10:23 EST
To: regional_freq@tapr.org
Message-ID: <19970223.180807.23638.0.doug.reed@juno.com>
Rendered body type: text/plain

Sorry guys but this listing in NOT (yet) in the format of your list:

```
#   <><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>
#   <>  This  DOMAIN.TXT  file  is  compatable  with KA9Q  NOS. <>
#   <>  Compiled and published by Doug Reed, N3AIA,  Roswell GA <>
#   <>  from  information   provided  by  the  individual   LAN <>
#   <>  coordinators noted.  Georgia  State address coordination only. <>
#   <>  ================================================== <>
#   <>  PLEASE ADDRESS INDIVIDUAL ID REQUESTS AND/OR CHANGES TO <>
#   <>  THE LAN COORDINATOR RESPONSIBLE  FOR YOUR SPECIFIC LAN. <>
#   <>  ================================================== <>
#   <>  LAN  coordinators  are  asked  to  please address their <>
#   <>  changes, additions and/or deletions to Doug Reed, N3AIA <>
#   <>  (n3aia.ampr.org).  AX25  available @ WA4BRO.#ATL.GA.USA <>
#   <>  n3aia.ampr.org [44.36.0.98] is normally online 24 hours <>
#   <>  7 days a week  on WAL  (146.13/.73).  Telephone BBS via <>
#   <>  WA4BRO at (404) 552-0868  or N3AIA  FidoNet (1:133/409) <>
#   <>  CrashMail  available  6PM  to 8AM  at  (770)  673-5033. <>
#   <>  Email = n3aia@worldnet.att.net                         <>
#   <>  ================================================== <>
#   <>        This publication last updated on 01/07/97        <>
#   <><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>

#  ****************************************************
#  *  West Atlanta Lan - Doug Reed, N3AIA, Roswell, GA  *
#  ****************************************************

#West Atlanta LAN Switch (@146.13/73 MHz)
wal.switch.ampr.org.    IN      A       44.36.0.1
switch.kd4nc.ampr.org.  IN      CNAME   wal.switch.ampr.org.
wal.    IN      CNAME   wal.switch.ampr.org.
kd4nc-1.        IN      CNAME   wal.switch.ampr.org.

#Jack Brindle
pc.wa4fib.ampr.org.     IN      A       44.36.0.7
pc.wa4fib.      IN      CNAME   pc.wa4fib.ampr.org.

#John Smith
ki4xo.ampr.org. IN      A       44.36.0.8
ki4xo.  IN      CNAME   ki4xo.ampr.org.

# temporary tcp/ip id pending receipt of perm. assignment
# do NOT use for over 30 day period.  Contact Doug, N3AIA
# for assignment of perm. WAL address.
temp.ampr.org               IN      A       44.36.0.10
temp.           IN      CNAME   temp.ampr.org.

#Joel Ackerman
ke4sw.ampr.org. IN      A       44.36.0.11
ke4sw.  IN      CNAME   ke4sw.ampr.org.

#Dan St.Andre'
ki4mq.ampr.org. IN      A       44.36.0.12
ki4mq.  IN      CNAME   ki4mq.ampr.org.

#Al
wa4miz.ampr.org.        IN      A       44.36.0.13
wa4miz. IN      CNAME   wa4miz.ampr.org.

#Bruce Nebergall
#k4tql.ampr.org.        IN      A       44.36.0.18
#k4tql. IN      CNAME   k4tql.ampr.org.
```

```
#John DeArmond
wd4oqc.ampr.org.        IN      A       44.36.0.19
wd4oqc. IN      CNAME   wd4oqc.ampr.org.

#Fred Moore
n4cla.ampr.org. IN      A       44.36.0.22
n4cla.  IN      CNAME   n4cla.ampr.org.

#john_dearmond
pc2.wd4oqc.ampr.org.    IN      A       44.36.0.23
wd4oqc-2.       IN      CNAME   pc2.wd4oqc.ampr.org.

#dean harris
kk4eb.ampr.org. IN      A       44.36.0.27
kk4eb.  IN      CNAME   kk4eb.ampr.org.

#Dan Guftafson
wb4pyl.ampr.org.        IN      A       44.36.0.29
wb4pyl. IN      CNAME   wb4pyl.ampr.org.

#jim stafford
w4qo.ampr.org.  IN      A       44.36.0.30
w4qo.   IN      CNAME   w4qo.ampr.org.

#Al Ramsey
pc6.wa4vmv.ampr.org.    IN      A       44.36.0.32
wa4vmv-6.       IN      CNAME   pc6.wa4vmv.ampr.org.

#jack sanders
nc4e.ampr.org.  IN      A       44.36.0.33
nc4e.   IN      CNAME   nc4e.ampr.org.

#Al Ramsey SMTP/BBS Mail Gateway
pc5.wa4vmv.ampr.org.    IN      A       44.36.0.34
wa4vmv-5.       IN      CNAME   pc5.wa4vmv.ampr.org.

#bob
wa4blq.ampr.org.        IN      A       44.36.0.39
wa4blq. IN      CNAME   wa4blq.ampr.org.

#Dan St'Andre
pc1.ki4mq.ampr.org.     IN      A       44.36.0.41
ki4mq-1.        IN      CNAME   pc1.ki4mq.ampr.org.

#Dan St'Andre
pc2.ki4mq.ampr.org.     IN      A       44.36.0.42
ki4mq-2.        IN      CNAME   pc2.ki4mq.ampr.org.

#Stan Eason
kb4ia.ampr.org. IN      A       44.36.0.43
kb4ia.  IN      CNAME   kb4ia.ampr.org.

#Jeff Squires
kk4zc.ampr.org. IN      A       44.36.0.44
kk4zc.  IN      CNAME   kk4zc.ampr.org.

#Chuck Hicks
n4rsy.ampr.org. IN      A       44.36.0.46
n4rsy.  IN      CNAME   n4rsy.ampr.org.

#Bill Nowicki
wa4oyh.ampr.org.        IN      A       44.36.0.47
wa4oyh. IN      CNAME   wa4oyh.ampr.org.

#Jim
kg6tw.ampr.org. IN      A       44.36.0.48
kg6tw.  IN      CNAME   kg6tw.ampr.org.

#Jim
kg6tw.ampr.org. IN      A       44.36.0.49
kg6tw-5.        IN      CNAME   kg6tw.ampr.org.

#Paul Anderson
wb2srd.ampr.org.        IN      A       44.36.0.50
wb2srd. IN      CNAME   wb2srd.ampr.org.

#Dan Turner 56KB SLIP LINK
pc.wa4bro.ampr.org.        IN      A       44.36.0.53
pc.wa4bro. IN      CNAME   pc.wa4bro.ampr.org.
```

```
#Dan Turner (currently inactive)
#wa4bro.ampr.org.        IN      A       44.36.0.54
#wa4bro. IN      CNAME   wa4bro.ampr.org.

#Dan Turner
office.wa4bro.ampr.org. IN      A       44.36.0.55
office.wa4bro.  IN      CNAME   office.wa4bro.ampr.org.

#Alan Barrow
lo.km4ba.ampr.org.      IN      A       44.36.0.56
lo.km4ba.       IN      CNAME   lo.km4ba.ampr.org.

#Larry Richardson
n4ujo.ampr.org. IN      A       44.36.0.66
n4ujo.  IN      CNAME   n4ujo.ampr.org.

#Joe White
w4skx.ampr.org. IN      A       44.36.0.68
w4skx.  IN      CNAME   w4skx.ampr.org.

#Garey Barrell
k4oah.ampr.org. IN      A       44.36.0.70
k4oah.  IN      CNAME   k4oah.ampr.org.

#Rick in Oakwood
ab4gs.ampr.org. IN      A       44.36.0.72
ab4gs.  IN      CNAME   ab4gs.ampr.org.

#Frank Watts
n4nfp.ampr.org. IN      A       44.36.0.74
n4nfp.  IN      CNAME   n4nfp.ampr.org.

#Phil Spect
k4pqc.ampr.org. IN      A       44.36.0.75
k4pqc.  IN      CNAME   k4pqc.ampr.org.

#Lew Cason
n4hra.ampr.org. IN      A       44.36.0.76
n4hra.  IN      CNAME   n4hra.ampr.org.

#Lew Cason
other.n4hra.ampr.org.   IN      A       44.36.0.77
other.n4hra.    IN      CNAME   other.n4hra.ampr.org.

#curt
w2iqa.ampr.org. IN      A       44.36.0.78
w2iqa.  IN      CNAME   w2iqa.ampr.org.

#jim
k4ztl.ampr.org. IN      A       44.36.0.79
k4ztl.  IN      CNAME   k4ztl.ampr.org.

#John Hess
kb4nuc.ampr.org.        IN      A       44.36.0.80
kb4nuc. IN      CNAME   kb4nuc.ampr.org.

#John Hess
6300.kb4nuc.ampr.org.   IN      A       44.36.0.81
6300.kb4nuc.    IN      CNAME   6300.kb4nuc.ampr.org.

#Diana Hess
n4osq.ampr.org. IN      A       44.36.0.82
n4osq.  IN      CNAME   n4osq.ampr.org.

#John Hess
pct.kb4nuc.ampr.org.    IN      A       44.36.0.83
pct.kb4nuc.     IN      CNAME   pct.kb4nuc.ampr.org.

#Mark Jessing
n4oje.ampr.org. IN      A       44.36.0.84
n4oje.  IN      CNAME   n4oje.ampr.org.

#Jim
ka4mtl.ampr.org.        IN      A       44.36.0.85
ka4mtl. IN      CNAME   ka4mtl.ampr.org.

#Ralph Fowler
n4neq.ampr.org. IN      A       44.36.0.86
```

```
n4neq.  IN      CNAME   n4neq.ampr.org.

#Joe Mehaffey
k4ihp.ampr.org. IN      A       44.36.0.88
k4ihp.  IN      CNAME   k4ihp.ampr.org.

#Bruce Nebergall
tst.k4tql.ampr.org.     IN      A       44.36.0.90
tst.k4tql.      IN      CNAME   tst.k4tql.ampr.org.

#Dave Altman
wa4noe.ampr.org.        IN      A       44.36.0.92
wa4noe. IN      CNAME   wa4noe.ampr.org.

#Doug Reed's pc laptop remote
pc.n3aia.ampr.org. IN      A       44.36.0.95
pc.n3aia.  IN      CNAME   pc.n3aia.ampr.org.
#Doug Reed office computer
office.n3aia.ampr.org.   IN      A       44.36.0.96
office.n3aia.   IN      CNAME   office.n3aia.ampr.org.

#Chris Reed remote
pc.n3cfv.ampr.org.      IN      A       44.36.0.97
pc.n3cfv.       IN      CNAME   pc.n3cfv.ampr.org.

#Doug Reed (Roswell)
n3aia.ampr.org. IN      A       44.36.0.98
n3aia.  IN      CNAME   n3aia.ampr.org.

#Chris Reed (Roswell)
n3cfv.ampr.org. IN      A       44.36.0.99
n3cfv.  IN      CNAME   n3cfv.ampr.org.

#Dave Driggs on WAL lan
wal.ka8dpr.ampr.org.    IN      A       44.36.0.100
wal.ka8dpr.     IN      CNAME   wal.ka8dpr.ampr.org.

#Rick Wilson
wd5etd.ampr.org.        IN      A       44.36.0.104
wd5etd. IN      CNAME   wd5etd.ampr.org.

#Dave Tucker
kc4cgo.ampr.org.        IN      A       44.36.0.106
kc4cgo. IN      CNAME   kc4cgo.ampr.org.

#Dave Tucker Ultrix DecStation 3100
ak47.kc4cgo.ampr.org.   IN      A       44.36.0.107
ak47.kc4cgo IN   CNAME   ak47.kc4cgo.ampr.org.

#w4aql club station
gw.w4aql.ampr.org.      IN      A       44.36.0.108
gw.w4aql.   IN  CNAME   gw.w4aql.ampr.org.

#w4aql club station
sw.w4aql.ampr.org.      IN      A       44.36.0.109
sw.w4aql.   IN  CNAME   sw.w4aql.ampr.org.

#w4aql club station on 13/73
w4aql.ampr.org.         IN      A       44.36.0.110
w4aql.   IN    CNAME    w4aql.ampr.org.

#w4aql club station sw2
sw2.w4aql.ampr.org.     IN      A       44.36.0.111
sw2.w4aql.  IN  CNAME  sw2.w4aql.ampr.org.

#n9hzq  Jeff Tucker
n9hzq.ampr.org.         IN      A       44.36.0.112
n9hzq    IN      CNAME   n9hzq.ampr.org.

#n5oxc  Steve Lockhart
n5oxc.ampr.org.         IN      A       44.36.0.113
n5oxc    IN      CNAME   n5oxc.ampr.org.

#kr4oa-5 IBM Amateur Radio Club (contact n4clh)
ibmarc.ampr.org.        IN      A       44.36.0.116
kr4oa-5.    IN     CNAME   ibmarc.ampr.org.

#n4clh  Bob Austin (currently inactive)
#n4clh.ampr.org.        IN      A       44.36.0.117
```

```
#n4clh   IN     CNAME   n4clh.ampr.org.

#n4clh  Bob Austin (currently inactive)
#n4clh.ampr.org.        IN      A       44.36.0.118
#n4clh   IN     CNAME   n4clh.ampr.org.

#n4clh-1  Bob Austin (experimental X1J node)
n4clh-1.ampr.org.        IN      A       44.36.0.119
n4clh-1   IN     CNAME   n4clh-1.ampr.org.

#n4clh  Bob Austin (Marietta) main node
n4clh.ampr.org.         IN      A       44.36.0.120
n4clh.   IN      CNAME   n4clh.ampr.org.

#n4clh  Bob Austin (currently inactive)
#n4clh.ampr.org.        IN      A       44.36.0.121
#n4clh   IN     CNAME   n4clh.ampr.org.

#n4clh  Bob Austin (currently inactive)
#n4clh.ampr.org.        IN      A       44.36.0.122
#n4clh   IN     CNAME   n4clh.ampr.org.

#ke4rgk  Susan Austin (Marietta)
ke4rgk.ampr.org.        IN      A       44.36.0.123
ke4rgk.  IN     CNAME   ke4rgk.ampr.org.

#kn4iq Bart Gunther (Dunwoody)
kn4iq.ampr.org.        IN      A       44.36.0.124
kn4iq.   IN     CNAME   kn4iq.ampr.org.

#kd4eqe Philip Zeigler (Marietta)
kd4eqe.ampr.org.        IN      A       44.36.0.130
kd4eqe.  IN     CNAME   kd4eqe.ampr.org.

#kd4eqe Philip Zeigler (slip/ppp connection)
sun.kd4eqe.ampr.org.    IN      A       44.36.0.131
sun.kd4eqe. IN  CNAME   sun.kd4eqe.ampr.org.

#n2ira Ben
n2ira.ampr.org.         IN      A       44.36.0.133
n2ira.   IN      CNAME   n2ira.ampr.org.

#n4wrg Ron
n4wrg.ampr.org.         IN      A       44.36.0.139
n4wrg.  IN      CNAME   n4wrg.ampr.org.

#kr4oa George Carfe
kr4oa.ampr.org.         IN      A       44.36.0.141
kr4oa.  IN      CNAME   kr4oa.ampr.org.

#wa4cqz Larry
wa4cqz.ampr.org.        IN      A       44.36.0.143
wa4cqz. IN      CNAME   wa4cqz.ampr.org.

#ko4yo Don
ko4yo.ampr.org.         IN      A       44.36.0.145
ko4yo.  IN      CNAME   ko4yo.ampr.org.

#ab4ys Dave
ab4ys.ampr.org.         IN      A       44.36.0.147
ab4ys.  IN      CNAME   ab4ys.ampr.org.

#kc2ap Warren
kc2ap.ampr.org.         IN      A       44.36.0.149
kc2ap.  IN      CNAME   kc2ap.ampr.org.

#ka1wx Steve (Marietta)
ka1wx.ampr.org.         IN      A       44.36.0.151
ka1wx.  IN      CNAME   ka1wx.ampr.org.

#wa4vlv John
wa4vlv.ampr.org.        IN      A       44.36.0.153
wa4vlv. IN      CNAME   wa4vlv.ampr.org.

#Don Wildes (Forsyth County)
n4ruu.ampr.org.         IN      A       44.36.0.155
n4ruu.  IN      CNAME   n4ruu.ampr.org.

#Harry Freeman (Marietta)
```

```
nk9r.ampr.org.          IN      A       44.36.0.157
nk9r.   IN      CNAME   nk9r.ampr.org.

#Sacha Bernstein (c/o GA Tech)
ga.n2nsz.ampr.org.      IN      A       44.36.0.161
n2nsz.  IN      CNAME   ga.n2nsz.ampr.org.

#Sacha Bernstein (#2)
sw2.n2nsz.ampr.org.     IN      A       44.36.0.162
sw2.n2nsz.  IN  CNAME   sw2.n2nsz.ampr.org.

#Chris Farris (c/o GA Tech)
ga.n2uhz.ampr.org.      IN      A       44.36.0.165
n2uhz.  IN      CNAME   ga.n2uhz.ampr.org.

#Doug Baxter (Marietta)
kd4cdd.ampr.org.        IN      A       44.36.0.167
kd4cdd. IN      CNAME   kd4cdd.ampr.org.

#Mike Boatright (Smyrna)
ko4wx.ampr.org.         IN      A       44.36.0.169
ko4wx.  IN      CNAME   ko4wx.ampr.org.

#Chris (Marietta)
g7dio.ampr.org.         IN      A       44.36.0.173
g7dio.  IN      CNAME   g7dio.ampr.org.

#John
ad4zh.ampr.org.        IN      A       44.36.0.177
ad4zh. IN      CNAME   ad4zh.ampr.org.

#Fant Steele (Ackworth)
kb5eql.ampr.org.        IN      A       44.36.0.179
fb5eql. IN      CNAME   kb5eql.ampr.org.

#cam Clayson (Alpharetta)
wv5r.ampr.org.          IN      A       44.36.0.181
wv5r.   IN      CNAME   wv5r.ampr.org.

#Thomas James (Atlanta)
kd4apz.ampr.org.        IN      A       44.36.0.183
kd4apz. IN      CNAME   kd4apz.ampr.org.

#Jim Hancock
kd4zys.ampr.org         IN      A       44.36.0.185
kd4zys. IN      CNAME   kd4zys.ampr.org.

#Brad (Marietta)
ab6fd.ampr.org.         IN      A       44.36.0.187
ab6fd.  IN      CNAME   ab6fd.ampr.org.

#Troy Ankersen
ks4at.ampr.org.         IN      A       44.36.0.189
ks4at.  IN      CNAME   ks4at.ampr.org.

#Charles Turner
ke4avd.ampr.org.        IN      A       44.36.0.191
ke4avd. IN      CNAME   ke4avd.ampr.org.

#Robert Russell
wd4paq.ampr.org.        IN      A       44.36.0.193
wd4paq. IN      CNAME   wd4paq.ampr.org.

#Ben (Marietta) - Node #1
nj8j.ampr.org.          IN      A       44.36.0.195
nj8j.   IN      CNAME   nj8j.ampr.org.

#Ben (Marietta) Node #2, fixed
nj8j-1.ampr.org.        IN      A       44.36.0.196
nj8j-1. IN      CNAME   nj8j-1.ampr.org.

# Bill Hew
ke4nfq.ampr.org.        IN      A       44.36.0.197
ke4nfq. IN      CNAME   ke4nfq.ampr.org.

# Tom Hendrickson
kf4nbi.ampr.org.        IN      A       44.36.0.198
kf4nbi. IN      CANAM   kf4nbi.ampr.org.
```

```
#*********************************************************************
#*  East Atlanta LAN IP addresses as of 01/06/97
#*********************************************************************
#*  Updates to Steve Diggs, KB4ZTN @ steve.diggs@totrbbs.radio.org
#              (770) 921-0315 - Lilburn,GA
#*********************************************************************

#(East Atlanta LAN switch)
switch.matparc.ampr.org.        IN      A       44.36.8.1
eatl.           IN      CNAME   switch.matparc.ampr.org.

#gary coffman
ke4zv.ampr.org.          IN      A               44.36.8.2
ke4zv.          IN      CNAME   ke4zv.ampr.org.

#randy jarrett
wa4mei.ampr.org.         IN      A               44.36.8.3
wa4mei.         IN      CNAME   wa4mei.ampr.org.

#randy jarrett
84.wa4mei.ampr.org.      IN      A               44.36.8.4
wa4mei84.       IN      CNAME   84.wa4mei.ampr.org.

#bill turrentine
wa4gai.ampr.org.         IN      A               44.36.8.5
wa4gai.         IN      CNAME   wa4gai.ampr.org.

#dave wimmer
ka4iar.ampr.org.         IN      A               44.36.8.6
ka4iar.         IN      CNAME   ka4iar.ampr.org.

#randy jarrett
87.wa4mei.ampr.org.      IN      A               44.36.8.7
wa4mei87.       IN      CNAME   87.wa4mei.ampr.org.

#randy jarrett
88.wa4mei.ampr.org.      IN      A               44.36.8.8
wa4mei88.       IN      CNAME   wa4mei.ampr.org.

#konrad roeder
wa4osh.ampr.org.         IN      A               44.36.8.9
wa4osh.         IN      CNAME   wa4osh.ampr.org.

#john peyton
kf4jj.ampr.org.          IN      A               44.36.8.10
kf4jj.          IN      CNAME   kf4jj.ampr.org.

#jack mcclain
ae4q.ampr.org.           IN      A               44.36.8.11
ae4q.           IN      CNAME   ae4q.ampr.org.

#jack mcclain-laptop
laptop.ae4q.ampr.org.    IN      A               44.36.8.12
ae4q.           IN      CNAME   laptop.ae4q.ampr.org.

#jim fields
n4djv.ampr.org.          IN      A               44.36.8.13
n4djv.          IN      CNAME   n4djv.ampr.org.

#owen adair
wd4fsu.ampr.org.         IN      A               44.36.8.14
wd4fsu.         IN      CNAME   wd4fsu.ampr.org.

#dave driggs
ka8dpr.ampr.org.         IN      A               44.36.8.15
ka8dpr.         IN      CNAME   ka8dpr.ampr.org.

#mark croney
kf4er.ampr.org.          IN      A               44.36.8.16
kf4er.          IN      CNAME   kf4er.ampr.org.

#Marty Ernst - Loganville, GA Issued 8/13/96 SSD
kd4hlv.ampr.org.          IN      A              44.36.8.17
kd4hlv.          IN      CNAME   kd4hlv.ampr.org.

#jim cagle
wb4ezb.ampr.org.         IN      A               44.36.8.18
wb4ezb.         IN      CNAME   wb4ezb.ampr.org.
```

```
#Bill Ahls - Granted 12/15/96 by SSD
ke4eih.ampr.org.        IN      A               44.36.8.19
ke4eih.         IN      CNAME   ke4eih.ampr.org.

#garey barrell
k4oah.ampr.org.         IN      A               44.36.8.20
k4oah.          IN      CNAME   k4oah.ampr.org.

#ron garret
n4aee.ampr.org.         IN      A               44.36.8.21
n4aee.          IN      CNAME   n4aee.ampr.org.

#stan edwards
wa4dyd.ampr.org.        IN      A               44.36.8.22
wa4dyd.         IN      CNAME   wa4dyd.ampr.org.

#john talipsky
ki4y.ampr.org.          IN      A               44.36.8.23
ki4y.           IN      CNAME   ki4y.ampr.org.

#craig compton
k4xr.ampr.org.          IN      A               44.36.8.24
k4xr.           IN      CNAME   k4xr.ampr.org.

#Moe Wheatley - Duluth, GA 10/2/95
ae4jy.ampr.org.         IN      A               44.36.8.25
ae4jy.          IN      CNAME   ae4jy.ampr.org.

#Chris Ness - Lawrenceville, GA 12/23/95
gloster.n4vte.ampr.org. IN      A               44.36.8.27
gloster.n4vte.          IN      CNAME   n4vte.ampr.org.

# evin mcguirt
kk4ag.ampr.org.         IN      A               44.36.8.30
kk4ag.          IN      CNAME   kk4ag.ampr.org.

#mel roberts
ka4bfp.ampr.org.        IN      A               44.36.8.31
ka4bfp.         IN      CNAME   ka4bfp.ampr.org.

#buzz ashby
kb4jhx.ampr.org.        IN      A               44.36.8.32
kb4jhx.         IN      CNAME   kb4jhx.ampr.org.

#dean fredriksen
w8zf.ampr.org.          IN      A               44.36.8.33
w8zf.           IN      CNAME   w8zf.ampr.org.

#jerry hopper
wb4cpl.ampr.org.        IN      A               44.36.8.40
wb4cpl.         IN      CNAME   wb4cpl.ampr.org.

#floyd curtis
wd4ntk.ampr.org.        IN      A               44.36.8.41
wd4ntk.         IN      CNAME   wd4ntk.ampr.org.

#mark krell
n4ebv.ampr.org.         IN      A               44.36.8.42
n4ebv.          IN      CNAME   n4ebv.ampr.org.

#paul wood
w8exg.ampr.org.         IN      A               44.36.8.43
w8exg.          IN      CNAME   w8exg.ampr.org.

#bill carnes
nz4y.ampr.org.          IN      A               44.36.8.44
nz4y.           IN      CNAME   nz4y.ampr.org.

#art driggers
n4jk.ampr.org.          IN      A               44.36.8.45
n4jk.           IN      CNAME   n4jk.ampr.org.

#scott straw
kb4kbs.ampr.org.        IN      A               44.36.8.46
kb4kbs.         IN      CNAME   kb4kbs.ampr.org.

#jack sanders for emergency portable op in EAL
nc4e.ampr.org.          IN      A               44.36.8.47
nc4e.           IN      CNAME   nc4e.ampr.org.
```

```
#jim altman
n4uck.ampr.org.          IN      A               44.36.8.48
n4uck.           IN      CNAME   n4uck.ampr.org.

# MATPARC switch NET/ROM interface IP address  - 8/12/95
node.matparc.ampr.org.  IN      A               44.36.8.52

#norman chambers
n4gjg.ampr.org.          IN      A               44.36.8.53
n4gjg.           IN      CNAME   n4gjg.ampr.org.

#dennis morris
wa4zjj.ampr.org.         IN      A               44.36.8.54
wa4zjj.          IN      CNAME   wa4zjj.ampr.org.

#bob smith
n3ftu.ampr.org.          IN      A               44.36.8.55
n3ftu.           IN      CNAME   n3ftu.ampr.org.

#phil specht
k4pqc.ampr.org.          IN      A               44.36.8.56
k4pqc.           IN      CNAME   k4pqc.ampr.org.

#steve diggs
kb4ztn.ampr.org.         IN      A               44.36.8.57
kb4ztn.          IN      CNAME   kb4ztn.ampr.org.

#john farr
kd6clo.ampr.org.         IN      A               44.36.8.58
kd6clo.          IN      CNAME   kd6clo.ampr.org.

#Snellville TCP/IP Interface
switch.gars.ampr.org.    IN      A               44.36.8.59
wd4jxr-1.        IN      CNAME   switch.gars.ampr.org.

#wayne wright
ad4my.ampr.org.          IN      A               44.36.8.60
ad4my.           IN      CNAME   ad4my.ampr.org.

#brian mccarthy
nx9o.ampr.org.           IN      A               44.36.8.61
nx9o.            IN      CNAME   nx9o.ampr.org.

#brian mccarthy - pc
pc.nx9o.ampr.org.        IN      A               44.36.8.62
nx9o.            IN      CNAME   pc.nx9o.ampr.org.

#alan adamson
ne1h.ampr.org.           IN      A               44.36.8.63
ne1h.            IN      CNAME   ne1h.ampr.org.

#alan adamson
864.ne1h.ampr.org.       IN      A               44.36.8.64
ne1h864.         IN      CNAME   864.ne1h.ampr.org.

#alan adamson
865.ne1h.ampr.org.               IN      A       44.36.8.65
ne1h865.         IN      CNAME   865.ne1h.ampr.org.

#tad danley
nz3i.ampr.org.           IN      A               44.36.8.66
nz3i.            IN      CNAME   nz3i.ampr.org.

#dave
ke4fom.ampr.org.         IN      A               44.36.8.67
ke4fom.          IN      CNAME   ke4fom.ampr.org.

#rod pruner
wa4gpy.ampr.org.         IN      A               44.36.8.68
wa4gpy.          IN      CNAME   wa4gpy.ampr.org.

#GARS switch NET/ROM interface IP address - 8/12/95
node.gars.ampr.org.         IN   A               44.36.8.69
wd4jxr.          IN      CNAME   wd4jxr.ampr.org.

#john scott
kd4vhg.ampr.org.         IN      A               44.36.8.70
kd4vhg.          IN      CNAME   kd4vhg.ampr.org.
```

```
#steve
ka5mte.ampr.org.        IN      A               44.36.8.71
ka5mte.         IN      CNAME   ka5mte.ampr.org.

#andy riehm
kd4dko.ampr.org.        IN      A               44.36.8.72
kd4dko.         IN      CNAME   kd4dko.ampr.org.

#dave adcock
ka4kkf.ampr.org.        IN      A               44.36.8.73
ka4kkf.         IN      CNAME   ka4kkf.ampr.org.

#chris meadows - portable
kc4rwf.ampr.org.        IN      A               44.36.8.74
kc4rwf.         IN    CNAME     kc4rwf.ampr.org.

#randy tonne
kn4dy.ampr.org.         IN      A               44.36.8.75
kn4dy.          IN      CNAME   kn4dy.ampr.org.

#brian
wd4dlv.ampr.org.        IN      A               44.36.8.77
wd4dlv.         IN      CNAME   wd4dlv.ampr.org.

#rick cobb
n4xyy.ampr.org.         IN      A               44.36.8.78
n4xyy.          IN      CNAME   n4xyy.ampr.org.

#ernie johnston
wb4lva.ampr.org.        IN      A               44.36.8.79
wb4lva.         IN      CNAME   wb4lva.ampr.org.

#ernie johnston
880.wb4lva.ampr.org.    IN      A               44.36.8.80
wb4lva880.      IN      CNAME   880.wb4lva.ampr.org.

#ernie johnston
881.wb4lva.ampr.org.    IN      A               44.36.8.81
wb4lva881.      IN      CNAME   881.wb4lva.ampr.org.

#ernie johnston
882.wb4lva.ampr.org.    IN      A               44.36.8.82
wb4lva882.      IN      CNAME   882.wb4lva.ampr.org.

#ernie johnston
883.wb4lva.ampr.org.    IN      A               44.36.8.83
wb4lva883.      IN      CNAME   883.wb4lva.ampr.org.

#ernie johnston
884.wb4lva.ampr.org.    IN      A               44.36.8.84
wb4lva884.      IN      CNAME   884.wb4lva.ampr.org.

#ernie johnston
885.wb4lva.ampr.org.    IN      A               44.36.8.85
wb4lva885.      IN      CNAME   885.wb4lva.ampr.org.

#ernie johnston
886.wb4lva.ampr.org.    IN      A               44.36.8.86
wb4lva886.      IN      CNAME   886.wb4lva.ampr.org.

#kos kosmetatos
n4nia.ampr.org.         IN      A               44.36.8.87
n4nia.          IN      CNAME   n4nia.ampr.org.

#charles evans
wa4qyy.ampr.org.        IN      A               44.36.8.88
wa4qyy.         IN      CNAME   wa4qyy.ampr.org.

#w4aql switch - 8/14/95 - Out of Service; W4AQL switch is
#  part of the 16 LAN
#w4aql.ampr.org.         IN      A               44.36.8.89
#w4aql.          IN      CNAME   w4aql.ampr.org.

#chris slip
remote.kd4dts.ampr.org. IN      A               44.36.8.90
kd4dts.         IN      CNAME   remote.kd4dts.ampr.org.

#bill coleman
```

```
aa4lr.ampr.org.         IN      A               44.36.8.91
aa4lr.          IN      CNAME   aa4lr.ampr.org.

#chris wren
kd4dts.ampr.org.        IN      A               44.36.8.92
kd4dts892.      IN      CNAME   kd4dts.ampr.org.

#jim smallwood
kc4efp.ampr.org.        IN      A               44.36.8.93
kc4efp.         IN      CNAME   kc4efp.ampr.org.

#paul
kc4yqt.ampr.org.        IN      A               44.36.8.94
kc4yqt.         IN      CNAME   kc4yqt.ampr.org.

#chris meadows
895.kc4rwf.ampr.org.    IN      A               44.36.8.95
kc4rwf895.      IN      CNAME   895.kc4rwf.ampr.org.

#chris ness
n4vte.ampr.org.         IN      A               44.36.8.96
n4vte.          IN      CNAME   n4vte.ampr.org.

#joe white
ke4tv.ampr.org.         IN      A               44.36.8.97
ke4tv.          IN      CNAME   ke4tv.ampr.org.

#bob downs
kk4lx.ampr.org.         IN      A               44.36.8.98
kk4lx.          IN      CNAME   kk4lx.ampr.org.

#barney barnes
w8kjm.ampr.org.         IN      A               44.36.8.99
w8kjm.          IN      CNAME   w8kjm.ampr.org.

#Alford Memorial Radio Club - Stone Mtn., GA 12/30/95
#This is the TOTRPBBS and Gateway
w4boc.ampr.org.         IN      A               44.36.8.100
w4boc.          IN      CNAME   w4boc.ampr.org.

#Alford Memorial Radio Club - Stone Mtn., GA 12/30/95
#This is the Telnet door for BBS Node 1
door1.w4boc.ampr.org.         IN      A               44.36.8.101
door1.          IN      CNAME   door1.w4boc.ampr.org.

#Alford Memorial Radio Club - Stone Mtn., GA 12/30/95
#This is the Telnet door for BBS Node 2
door2.w4boc.ampr.org.         IN      A               44.36.8.102
door2.          IN      CNAME   door2.w4boc.ampr.org.

#Alford Memorial Radio Club - Stone Mtn., GA 12/30/95
#This is the Callbook Server on TOTRBBS
callbook.w4boc.ampr.org.         IN      A               44.36.8.103
callbook.          IN      CNAME   callbook.w4boc.ampr.org.

#East Atlanta LAN - Decatur,GA 7/13/96
#This is the SEA07 Node in Conyers
sea07.w4epi.ampr.org.         IN      A               44.36.8.104
sea07.          IN      CNAME   sea07.w4epi.ampr.org.

#East Atlanta LAN - Decatur,GA 8/1/96
#This is the MON07 Node in Loganville
mon07.kc4ycf.ampr.org.         IN      A               44.36.8.105
mon07.          IN      CNAME   mon07.kc4ycf.ampr.org.


#***************************************************************
#*       High Speed LAN IP addresses as of 02/11/95
#*             Updates by Doug Drye, KD4NC
#***************************************************************

#56K User Freq Port (LAN)
56k.wal.ampr.org.    IN      A       44.36.16.1
56k.wal.     IN      CNAME   56k.wal.ampr.org.

#Reserved for Server
#Reserved    IN      A       44.36.16.2
Reserved.     IN      CNAME  reserved.
```

```
#Reserved for Server
#Reserved    IN      A       44.36.16.3
Reserved.     IN      CNAME  reserved.

#Reserved for Server
#Reserved    IN      A       44.36.16.4
Reserved.     IN      CNAME  reserved.

#w4aql gatech radio club Gateway
w4aql.ampr.org.    IN      A       44.36.16.4
w4aql.     IN      CNAME   w4aql.ampr.org.

#Reserved for Server
#Reserved    IN      A       44.36.16.5
#Reserved.     IN      CNAME  reserved.

#Doug Drye Main Unix System kd4nc.atl.ga.us/kd4nc.ampr.org UUCP Gateway
kd4nc.ampr.org. IN      A       44.36.16.6
kd4nc.  IN      CNAME   kd4nc.ampr.org.

#Doug Drye NOS Router
hamgate.kd4nc.ampr.org.     IN      A       44.36.16.7
hamgate.kd4nc.      IN      CNAME   hamgate.kd4nc.ampr.org.

#Doug Drye OS/2 System
warp.kd4nc.ampr.org.     IN      A       44.36.16.8
warp.kd4nc.      IN      CNAME   warp.kd4nc.ampr.org.

#Doug Drye DOS/Windows System
dos.kd4nc.ampr.org.   IN      A       44.36.16.9
dos.kd4nc.    IN      CNAME   dos.kd4nc.ampr.org.

#Dennis Boylan's Unix System
n4zmz.ampr.org. IN      A       44.36.16.12
n4zmz.  IN      CNAME   .n4zmz.ampr.org.

#w4aql gatech radio club Gateway Subnet address
subnet.w4aql.ampr.org.    IN      A       44.36.16.16
subnet.w4aql.     IN      CNAME   subnet.w4aql.ampr.org.

#w4aql gatech radio club Gateway 56K port
56k.w4aql.ampr.org.    IN      A       44.36.16.17
56k.w4aql.     IN      CNAME   56k.w4aql.ampr.org.

#Reserved for Server
#Reserved    IN      A       44.36.16.18 Through 31 reserved for gatech
#Reserved.     IN      CNAME  reserved.

#Dale Heatherington Hamgate
wa4dsy.ampr.org.         IN      A       44.36.16.48
wa4dsy. IN      CNAME   wa4dsy.ampr.org.

# Alan Barrow's HP9000
km4ba.ampr.org. IN      A       44.36.16.56
km4ba.  IN      CNAME   km4ba.ampr.org.
unix.km4ba.     IN      CNAME   km4ba.ampr.org.
km4ba.UUCP.     IN      CNAME   km4ba.ampr.org.

#Alan Barrow AT
pc.km4ba.ampr.org.      IN      A       44.36.16.57
pc.km4ba.       IN      CNAME   pc.km4ba.ampr.org.

#Alan Barrow
port.km4ba.ampr.org.    IN      A       44.36.16.58
port.km4ba.     IN      CNAME   port.km4ba.ampr.org.

#Alan Barrow
ipc.km4ba.ampr.org.     IN      A       44.36.16.59
ipc.km4ba.      IN      CNAME   ipc.km4ba.ampr.org.

#Alan Barrow 56k Gateway
gateway.km4ba.ampr.org. IN      A       44.36.16.60
gateway.km4ba.  IN      CNAME   gateway.km4ba.ampr.org.

#Dale Heatherington
pc2.wa4dsy.ampr.org.    IN      A       44.36.16.72
wa4dsy-6.       IN      CNAME   pc2.wa4dsy.ampr.org.

#Dale Heatherington
```

```
pc3.wa4sy.ampr.org.     IN      A       44.36.16.73
wa4dsy-7.       IN      CNAME   pc3.wa4sy.ampr.org.

#*****************************************************
#*          Northeast Georgia Area ARES              *
#*     Coordinator = Harold Hairston, K4HCA          *
#*               Clarksville, GA                     *
#*             Last update 03/00/95                  *
#*     44.36.18.1 thru 44.36.18.50 inclusive         *
#*****************************************************

#Reserved for switch
#northeast switch       IN      A       44.36.18.1
#reserved for switch IN CNAME   reserved

#************************************************************
#* Address assignments for Southwest TADS (Pinelog Mountain Switch)
#* No updates from the coordinator since 1993!!!  Thanks to
#* some of the present LAN users for their direct updates.  Please
#* forward any corrections or updates to Doug Reed, N3AIA until a
#* coordinator is found to handle this LAN.  Updated 12/22/95
#************************************************************

#(pine log mtn switch, waleska)
sw.switch.ampr.org. IN  A   44.36.20.1
k4tql-1.    IN  CNAME   sw.switch.ampr.org.
#tony_cash cumming_ga
kd4k.ampr.org   IN A   44.36.24.20
kd4k.       IN  CNAME kd4k.ampr.org

## k4tql-2 486 office system
k4tql-2.ampr.org.   IN  A   44.36.20.21
k4tql-2.    IN  CNAME   k4tql-2.ampr.org.
tql2.office. IN  CNAME   k4tql-2.ampr.org.
tql.486.pc  IN  CNAME   k4tql-2.ampr.org.

#bruce_nebergall cartersville_ga1
k4tql-5.ampr.org. IN  A   44.36.20.22
k4tql-5.    IN  CNAME   k4tql-5.ampr.org.

#tj rome_ga
nc4g.ampr.org.  IN  A   44.36.20.25
nc4g.   IN  CNAME   nc4g.ampr.org.

#walt_deavers cartersville_ga2
kw4g.ampr.org.  IN  A   44.36.20.27
kw4g.   IN  CNAME   kw4g.ampr.org.

#dick_stein cohutta_ga1
w4kauc.ampr.org.    IN  A   44.36.20.36
w4kau.  IN  CNAME   w4kauc.ampr.org.

#john_owen dalton_ga
ke4ln.ampr.org. IN  A   44.36.20.51
ke4ln.  IN  CNAME   ke4ln.ampr.org.

#lendon_phillips cumming_ga2
n4hdw.ampr.org. IN  A   44.36.20.63
n4hdw.  IN  CNAME   n4hdw.ampr.org.

#doug chattanooga_tn3
pc5.k4jgw.ampr.org. IN  A   44.36.20.73
k4jgw-5.    IN  CNAME   pc5.k4jgw.ampr.org.

#************************************************************
#* Address assignments for Northwest TADS (Lookout Mountain Switch)
#* Updated as of 10/30/94  Dale Harwood N4VFF
#************************************************************

#(tads lookout mtn switch, chattanooga)
nw.switch.ampr.org. IN  A   44.36.22.1
switch.n4vff-1.ampr.org.   IN  CNAME   nw.switch.ampr.org.
n4vff-1. IN  CNAME   nw.switch.ampr.org.

#dave_bennett rossville_ga1
pc5.wq4b.ampr.org.  IN  A   44.36.22.23
wq4b-5. IN  CNAME   pc5.wq4b.ampr.org.

## ken jones athens, tn
```

```
wb4zug.ampr.org.    IN  A   44.36.22.25
wb4zug. IN  CNAME   wb4zug.ampr.org.

#van cleveland_tn
kk4us.ampr.org. IN  A   44.36.22.29
kk4us.  IN  CNAME   kk4us.ampr.org.

#dale harwood ringgold, ga Linux box
n4vff-8.ampr.org.    IN  A   44.36.22.30
n4vff-8.  IN  CNAME   n4vff-8.ampr.org.

#dale harwood ringgold, ga 56kb NOS Switch
n4vff-5.ampr.org.    IN  A   44.36.22.31
n4vff-5.  IN  CNAME   n4vff-5.ampr.org.

#dale harwood ringold, ga Jnos 1.09a4-UNIX
n4vff-9.ampr.org.    IN  A   44.36.22.32
n4vff-9.  IN CNAME   n4vff-9.ampr.org.

#steve lafayette_ga
wb4ywk.ampr.org.    IN  A   44.36.22.33
wb4ywk. IN  CNAME   wb4ywk.ampr.org.

#bruce ballew  ft_oglethorpe  ga ( 9600 )
wb4ayn-9.ampr.org.     IN  A   44.36.22.35
wb4ayn-9. IN  CNAME   wb4ayn-9.ampr.org.

#bruce ballew ft_oglethorpe  ga
wb4ayn.ampr.org.    IN  A   44.36.22.34
wb4ayn. IN  CNAME   wb4ayn.ampr.org.

#ray cohutta_ga
kk4oj.ampr.org. IN  A   44.36.22.43
kk4oj.  IN  CNAME   kk4oj.ampr.org.

#terry_hatchett chattanooga_tn1
w4sye.ampr.org. IN  A   44.36.22.45
w4sye.  IN  CNAME   w4sye.ampr.org.

#gary_clark hixson_tn
wa8gkh.ampr.org.    IN  A   44.36.22.53
wa8gkh. IN  CNAME   wa8gkh.ampr.org.

#alan_painter rossville_ga2 (9600)
wa4qch.ampr.org.    IN  A   44.36.22.55
wa4qch. IN  CNAME   wa4qch.ampr.org.

#nolan chattanooga_tn2
n4ocf.ampr.org. IN  A   44.36.22.57
n4ocf.  IN  CNAME   n4ocf.ampr.org.

#wally_brown
kd4xv-5.ampr.org. IN  A   44.36.22.67
kd4xv-5.    IN  CNAME   kd4xv-5.ampr.org.

#wally_brown
kd4xv-6.ampr.org. IN  A    44.36.22.68
kd4xv-6.    IN  CNAME   kd4xv-6.ampr.org.

#charlie_wooten
kd4xx-5.ampr.org. IN  A   44.36.22.69
kd4xx-5.    IN  CNAME   kd4xx-5.ampr.org.

#doug chattanooga_tn2
k4jgw.ampr.org. IN  A   44.36.22.73
k4jgw.  IN  CNAME   k4jgw.ampr.org.

#larry_williams decatur_tn
wd5bxv.ampr.org.    IN  A   44.36.22.75
wd5bxv. IN  CNAME   wd5bxv.ampr.org.

# dwight gentry charleston, tn
kb4vxa.ampr.org.    IN  A   44.36.22.76
kb4vxa. IN  CNAME   kb4vxa.ampr.org.

# tom rush lookout mtn, ga
ac4wq.ampr.org.     IN  A   44.36.22.78
ac4wq.  IN  CNAME   ac4wq.ampr.org.
```

```
#*************************************************************
#* Address assignments for Southeast TADS (Sawnee Mountain Switch)
#* Updated As Of 5/01/94
#*************************************************************

#(tads sawnee mtn switch, cumming)
se.switch.ampr.org. IN  A   44.36.24.1
switch.wb4osd.  IN  CNAME   se.switch.ampr.org.
wb4osd-1.   IN  CNAME   se.switch.ampr.org.

#lendon_phillips cumming_ga2
n4hdw.ampr.org. IN  A   44.36.24.63
n4hdw.  IN  CNAME   n4hdw.ampr.org.

#bob
w4eaw.ampr.org. IN  A   44.36.24.65
w4eaw.  IN  CNAME   w4eaw.ampr.org.

#kay_barrow cumming_ga3
wb4osd.ampr.org.    IN  A   44.36.24.71
wb4osd. IN  CNAME   wb4osd.ampr.org.

#shawn_barrow cumming_ga4
ka4rwk.ampr.org.    IN  A   44.36.24.72
ka4rwk. IN  CNAME   ka4rwk.ampr.org.

#*************************************************************
#*  Address assignments for Northeast TADS (Scaly Mtn - SKY)
#*  Updated As Of 1/17/93
#*************************************************************

#(Scaly Mtn Switch, clayton (sky))
ne.switch.ampr.org. IN  A   44.36.26.1
switch.wb4huo.  IN  CNAME   ne.switch.ampr.org.
wb4huo-1.   IN  CNAME   ne.switch.ampr.org.

#paul2
ab4pu.ampr.org. IN  A   44.36.26.21
ab4pu.  IN  CNAME   ab4pu.ampr.org.

## pete seabolt dahlonega, ga
n4khq.ampr.org. IN  A   44.36.26.23
n4khq.  IN  CNAME   n4khq.ampr.org.

## gene etheridge
n4aub.ampr.org. IN  A   44.36.26.24
n4aub.  IN  CNAME   n4aub.ampr.org.

#paul sky_valley_ga1
wb4huo.ampr.org.    IN  A   44.36.26.70
wb4huo-5.   IN  CNAME   wb4huo.ampr.org.

#mike gainesville_ga
wb4oex.ampr.org.    IN  A   44.36.26.74
wb4oex. IN  CNAME   wb4oex.ampr.org.

#*********************************************************************
#*       Augusta Georgia Area IP ADDRESS ASSIGNMENT AS OF 9/01/91
#*********************************************************************

#Graves Mt. switch
wa4phy-1.ampr.org.     IN      A       44.36.28.1
mt.           IN      CNAME   wa4phy-1.ampr.org

#Sam Drinkard
wa4phy.ampr.org        IN      A       44.36.28.24
wa4phy          IN      CNAME   wa4phy.ampr.org


#Sam Drinkard
wa4phy-3.ampr.org      IN      A       44.36.28.25
wa4phy-3.       IN      CNAME   wa4phy.ampr.org

#Sam Drinkard
bbs.wa4phy.ampr.org    IN      A       44.36.28.26
bbs.wa4phy.     IN      CNAME   bbs.wa4phy.ampr.org

#Warren Kinney
wb4tek.ampr.org         IN      A       44.36.28.27
```

```
wb4tek.         IN      CNAME   wb4tek.ampr.org

#Roy Robinson
k4edu.ampr.org          IN      A       44.36.28.28
k4edu.          IN      CNAME   k4edu.ampr.org

#Roy Robinson
laptop.k4edu.ampr.org   IN      A       44.36.28.29
k4edu.          IN      CNAME   k4edu.ampr.org

#Will Wilson
kc4gss.ampr.org         IN      A       44.36.28.30
kc4gss.         IN      CNAME   kc4gss.ampr.org


#John Carter
pc.kj4mc.ampr.org       IN      A       44.36.28.33
kj4mc.          IN      CNAME   kj4mc.ampr.org

#John Carter
laptop.kj4mc.ampr.org   IN      A       44.36.28.34
kj4mc.          IN      CNAME   kj4mc.ampr.org

#Earl Taylor
n4mwq.ampr.org          IN      A       44.36.28.35
n4mwq.          IN      CNAME   n4mwq.ampr.org

#Earl Taylor
laptop.n4mwq.ampr.org   IN      A       44.36.28.36
n4mwq.          IN      CNAME   n4mwq.ampr.org

#Ace Norton
na4i.ampr.org         IN      A       44.36.28.37
na4i.         IN      CNAME   na4i.ampr.org

#Bob Foster
kb1gd.ampr.org                IN      A       44.36.28.38
kb1gd.                IN      CNAME   kb1gd.ampr.org

#Phillips
n4uyu.ampr.org                IN      A       44.36.28.39
n4uyu.                IN      CNAME   n4uyu.ampr.org

#Charlie Wright
w4ped.ampr.org                IN      A       44.36.28.40
w4ped.                IN      CNAME   w4ped.ampr.org

#Patrick Whaley
kc4jay.ampr.org IN  A   44.36.28.41
kc4jay. IN  CNAME   kc4jay.ampr.org

#*********************************************************************
#*   West Georgia Area IP ADDRESS ASSIGNMENT AS OF 08/19/93
#*     Send IP Address Requests for Additions or Changes to:
#*        Randall Hanson Kb4eux @ Kb4eux.#Wga.Ga.Usa.Na
#*         or kb4eux @ kb4eux.ampr.org [44.36.30.50]
#*********************************************************************

#W4fwd-1 Node
w4fwd-1.ampr.org.       IN     A       44.36.30.1
w4fwd-1.  IN    CNAME   w4fwd-1.ampr.org.

#W4fwd-2 Node
w4fwd-2.ampr.org.       IN     A       44.36.30.2
w4fwd-2.  IN    CNAME   w4fwd-2.ampr.org.

#W4fwd-4 Node
w4fwd-4.ampr.org.       IN     A        44.36.30.3
w4fwd-4.  IN     CNAME  w4fwd-4.ampr.org.

#Randall Hanson
kb4eux.ampr.org.        IN     A        44.36.30.50
kb4eux.   IN     CNAME  kb4eux.ampr.org.

#Bob Huey
kf4xt.ampr.org.         IN     A       44.36.30.20
kf4xt.  IN      CNAME   kf4xt.ampr.org.

#Bob Huey BBS
```

```
bbs.kf4xt.ampr.org.     IN      A      44.30.30.21
bbs.kf4xt.  IN  CNAME   bbs.kf4xt.ampr.org.

#Bob Huey Laptop
laptop.kf4xt.ampr.org.  IN      A      44.36.30.22
laptop.kf4xt. IN CNAME  laptop.kf4xt.ampr.org.

#Bob
mobile.kf4xt.ampr.org.  IN      A      44.36.30.23
mobile.kf4xt. IN  CNAME mobile.kf4xt.ampr.org.

#Robert
kd4ydc.ampr.org.        IN      A      44.36.30.25
kd4ydc.    IN  CNAME    kd4ydc.ampr.org.

#Steve Arrington
ka4yqi.ampr.org.         IN     A       44.36.30.30
ka4yqi.    IN  CNAME     ka4yqi.ampr.org.

#Roni Hicks
n4odi.ampr.org.          IN     A       44.36.30.33
n4odi.      IN  CNAME    n4odi.ampr.org.

#Gene Chambers
n4vbd.ampr.org.          IN     A       44.36.30.69
n4vbd.      IN  CNAME    n4vbd.ampr.org.

#*********************************************************************
#*      DAWGS LAN IP ADDRESS ASSIGNMENT AS OF           10/20/91
#*********************************************************************
#wb4bsg-1
wb4bsg-1.ampr.org.      IN      A       44.36.32.1
ahn.                    IN      CNAME   wb4bsg-1.ampr.org.
dawgs.switch.   IN      CNAME   wb4bsg-1.ampr.org.

#jerry
wb4bsg.ampr.org.        IN      A       44.36.32.21
wb4bsg. IN      CNAME   wb4bsg.ampr.org.

#lillie
wb4buk.ampr.org.        IN      A       44.36.32.22
wb4buk. IN      CNAME   wb4buk.ampr.org.

#georg.ebond
wa4vyc.ampr.org.        IN      A       44.36.32.23
wa4vyc. IN      CNAME   wa4vyc.ampr.org.

#georg.ekelley
wb4vnt.ampr.org.        IN      A       44.36.32.24
wb4vnt. IN      CNAME   wb4vnt.ampr.org.

#james
pc.ab4sn.ampr.org.      IN      A       44.36.32.25
ab4sn-2.        IN      CNAME   pc.ab4sn.ampr.org.

#ed
n4ale.ampr.org. IN      A       44.36.32.26
n4ale.  IN      CNAME   n4ale.ampr.org.

#pat
kc4bdt.ampr.org.        IN      A       44.36.32.27
kc4bdt. IN      CNAME   kc4bdt.ampr.org.

#john
kb4gid.ampr.org.        IN      A       44.36.32.28
kb4gid. IN      CNAME   kb4gid.ampr.org.

#tom
wb4edd.ampr.org.        IN      A       44.36.32.29
wb4edd. IN      CNAME   wb4edd.ampr.org.

#mike
n4tmi.ampr.org. IN      A       44.36.32.30
n4tmi.  IN      CNAME   n4tmi.ampr.org.

#glen
nb4x.ampr.org.  IN      A       44.36.32.31
nb4x.   IN      CNAME   nb4x.ampr.org.
```

```
#joe
kc4ejy.ampr.org.        IN      A       44.36.32.32
kc4ejy. IN      CNAME   kc4ejy.ampr.org.

#jim
kf4rx.ampr.org. IN      A       44.36.32.33
kf4rx.  IN      CNAME   kf4rx.ampr.org.

#don
wa4iml.ampr.org.        IN      A       44.36.32.34
wa4iml. IN      CNAME   wa4iml.ampr.org.

#glenlaptop
laptop.nb4x.ampr.org.   IN      A       44.36.32.35
nb4x-5. IN      CNAME   laptop.nb4x.ampr.org.

#elliotmessing
wb4suu.ampr.org.        IN      A       44.36.32.40
wb4suu. IN      CNAME   wb4suu.ampr.org.

#bob
wa4opv.ampr.org.        IN      A       44.36.32.42
wa4opv. IN      CNAME   wa4opv.ampr.org.

reserved.       IN      A       44.36.32.255

#*********************************************************************
#  Griffin Area  [44.36.34.xxx]
#  Thomaston/Manchester Area  [44.36.35.xxx]
#  Please address changes, additions or corrections to
#  Bob Merritt,  404-412-6237  voice     404-228-3953 SLIP
#  email:  ka4byp@netcom.com
#  packet:  BOBPC
#  AmprNet:  ka4byp.ampr.org. [44.36.34.10] normally on 24 hours
#  Last Updated:  20 AUG 94
#*********************************************************************

#Griffin GRAPES 56k Switch >>> NOT IN SERVICE YET,  still :-(  <<<
gfnsw.ka4byp.ampr.org.          IN      A       44.36.34.1
gfnsw.                          IN      CNAME   gfnsw.ka4byp.ampr.org.
ka4byp-1.                       IN      CNAME   gfnsw.ka4byp.ampr.org.
1.34.36.44.IN-ADDR.ARPA.        IN      PTR     gfnsw.ka4byp.ampr.org.

#Griffin X1-J Node, 1200 Bd 144.95 MHz Local LAN
gfn1.ka4byp.ampr.org.           IN      A       44.36.34.2
gfn1.                           IN      CNAME   gfn1.ka4byp.ampr.org.
ka4byp-2.                       IN      CNAME   gfn1.ka4byp.ampr.org.
2.34.36.44.IN-ADDR.ARPA.        IN      PTR     gfn1.ka4byp.ampr.org.

#Griffin X1-J Node, 9600 Bd 446.65 MHz DX Cluster Trunk
gfn2.ka4byp.ampr.org.           IN      A       44.36.34.3
gfn2.                           IN      CNAME   gfn2.ka4byp.ampr.org.
ka4byp-3.                       IN      CNAME   gfn2.ka4byp.ampr.org.
3.34.36.44.IN-ADDR.ARPA.        IN      PTR     gfn2.ka4byp.ampr.org.

#Bob Merritt, office
office.ka4byp.ampr.org.         IN      A       44.36.34.9
ka4byp-9.                       IN      CNAME   office.ka4byp.ampr.org.
9.34.36.44.IN-ADDR.ARPA.        IN      PTR     office.ka4byp.ampr.org.

#Bob Merritt
ka4byp.ampr.org.                IN      A       44.36.34.10
ka4byp.                         IN      CNAME   ka4byp.ampr.org.
bobpc.                          IN      CNAME   ka4byp.ampr.org.
10.34.36.44.IN-ADDR.ARPA.       IN      PTR     ka4byp.ampr.org.

#Tom Lewis
n4pfc.ampr.org.                 IN      A       44.36.34.12
n4pfc.                          IN      CNAME   n4pfc.ampr.org.
12.34.36.44.IN-ADDR.ARPA.       IN      PTR     n4pfc.ampr.org.

#Tom Morgan
wb4hiq.ampr.org.                IN      A       44.36.34.14
wb4hiq.                         IN      CNAME   wb4hiq.ampr.org.
14.34.36.44.IN-ADDR.ARPA.       IN      PTR     wb4hiq.ampr.org.

#Paul Wood
w8exg.ampr.org.                 IN      A       44.36.34.16
w8exg.                          IN      CNAME   w8exg.ampr.org.
```

```
16.34.36.44.IN-ADDR.ARPA.       IN      PTR     w8exg.ampr.org.

#Jackie Merritt
n4ndn.ampr.org.                 IN      A       44.36.34.18
n4ndn.                          IN      CNAME   n4ndn.ampr.org.
18.34.36.44.IN-ADDR.ARPA.       IN      PTR     n4ndn.ampr.org.

#Jim Lynch, Fayetteville
k4gvo.ampr.org.                 IN      A       44.36.34.20
k4gvo.                          IN      CNAME   k4gvo.ampr.org.
20.34.36.44.IN-ADDR.ARPA.       IN      PTR     k4gvo.ampr.org.

#
# Thomaston/Manchester Area  SUBNET  44.36.35.xxx
#

# Manchester X1-J Node, 9600 Bd 446.65 MHz DX Cluster Trunk
# reserved, 44.36.35.2,  callsign TBD
#

#*********************************************************
#               GARDS LAN IP Addresses                   *
#     X1J assignments 44.36.40.XXX thru 44.36.54.XXX     *
#        See Roy Jordan, WB4ILR for assignments          *
#        This list last updated 10/18/93                 *
#*********************************************************

#Milledgeville Area X1J Switch (Roy Jordan, wb4ilr)
wb4ilr-3.ampr.org.      IN      A       44.36.40.1
mlj.    IN      CNAME   mlj.ampr.org.
#Roy Jordan
wb4ilr.ampr.org         IN      A       44.36.40.2
wb4ilr. IN      CNAME   wb4ilr.ampr.org.
wb4ilr-10.      IN      CNAME  wb4ilr.ampr.org.
roypc.  IN      CNAME   wb4ilr.ampr.org.

#George Jones
ka4q.ampr.org.          IN       A      44.36.40.11
ka4q.   IN      CNAME   ka4q.ampr.org.

#charlie Boone
kf4lt.ampr.org.         IN       A      44.36.40.12
kf4lt.  IN      CNAME   kf4lt.ampr.org.

#Sandersville Area X1J Switch (Wayne Veal, n4wnx)
n4wnx-5.ampr.org.       IN       A      44.36.40.128
moo.    IN      CNAME   moo.ampr.org.

#Wayne Veal
n4wnx.amp.org.          IN       A      44.36.40.129
n4wnx.  IN      CNAME   n4wnx.ampr.org.

#Forysth Area X1J Switch (David Hopper, wd4jkh)
wd4jkh-5.ampr.org.      IN       A      44.36.41.1
for.    IN      CNAME   for.ampr.org.

#David Hopper
wd4jkh.ampr.org.        IN       A      44.36.41.2
wd4jkh. IN      CNAME   wd4jkh.ampr.org.

#Macon Area X1J Switch (Frank Hough, k4ict)
k4ict-5.ampr.org.       IN       A      44.36.41.128
mcn.    IN      CNAME   mcn.ampr.org.

#Frank Hough
k4ict.ampr.org.          IN       A      44.36.41.129
k4ict.  IN      CNAME    k4ict.ampr.org.

#Bob Wright
w4ozf.ampr.org.          IN       A      44.36.41.140
w4ozf.  IN      CNAME    w4ozf.ampr.org.

#Perry Area X1J Switch (Bruce Dean, wb4old)
wb4old-5.ampr.org.       IN       A      44.36.42.1
wrga.   IN      CNAME    wrga.ampr.org.

#Bruce Dean
wb4old.ampr.org.         IN        A     44.36.42.2
wb4old. IN      CNAME    wb4old.ampr.org.
```

```
#Fayetteville Area X1J Switch (Dave Carter, wa4pqk)
wa4pqk-5.ampr.org.       IN        A      44.36.43.1
ftv.    IN      CNAME    ftv.ampr.org.

#Dave Carter
wa4pqk.ampr.org.         IN        A       44.36.43.2
wa4pqk. IN      CNAME    wa4pqk.ampr.org.

#Conyers Area X1J Switch (Chuck Beckman, n4xzv)
n4xzv-3.amp.org.         IN        A       44.36.44.1
cga.    IN      CNAME    cga.ampr.org.

#Chuck Beckman
n4xzv.ampr.org.          IN        A       44.36.44.2
n4xzv.  IN      CNAME    n4xzv.ampr.org.

#Lula Area X1J Switch (Chuck Beckman, n4xzv)
w4ixn-5.amp.org.         IN        A       44.36.44.128
lula.   IN      CNAME    lula.ampr.org

#Newnan Area X1J Switch (Jimmy Grubbs, ws4n)
k4sex-5.ampr.org.        IN        A       44.36.45.1
nwn.    IN      CNAME    nwn.ampr.org.

#Cartersville Area X1J Switch (Jimmy Grubbs, ws4n)
ws4n-5.ampr.org.         IN        A       44.36.46.1
bowen.  IN      CNAME    bowen.ampr.org.

#Dublin Area X1J Switch (Tom Sewell, kb4ace)
kb4ace-5.amp.org.        IN        A         44.36.47.1
dub.    IN      CNAME    dub.ampr.org.

#Lyons Area X1J Switch (Ray Duck, kc4fkd)
kc4fkd-5.amp.org.        IN        A         44.36.47.128
lys.    IN      CNAME    lys.ampr.org.

#Clarkesville Area X1J Switch (Harold Hairston, k4hca)
k4hca-5.ampr.org.        IN        A         44.36.49.1
clv.    IN      CNAME   clv.ampr.org.

#Blyth/Augusta Area X1J Switch (Jim Oats, aa4ua)
aa4ua-5.ampr.org         IN        A         44.36.50.1
bly.    IN      CNAME   bly.ampr.org.

#Jim Oats
aa4ua.ampr.org.          IN      A       44.36.50.2
aa4ua.  IN      CNAME   aa4ua.ampr.org.

#August Gateway X1J Switch (Jim Oats, aa4ua)
aa4ua-7.ampr.org.        IN      A       44.36.50.3
aga.    IN      CNAME   aug.ampr.org.

#Sylvania Area X1J Switch (Jeff Kelley, kf4zb)
kf4zb-5.ampr.org.        IN      A       44.36.50.128
syl.    IN      CNAME   syl.ampr.org.

#Jeff Kelley
kf4zb.ampr.org.          IN      A       44.36.50.129
kf4zb.  IN      CNAME   kf4zb.amp.org.

#St Simons Island X1J Switch (Carl Lupo, kc4uhm)
kc4uhm-3.ampr.org.       IN      A       44.36.51.1
ssi.    IN      CNAME   ssi.amp.org.

#Carl Lupo
kc4uhm.ampr.org          IN      A       44.36.51.2
kc4uhm. IN      CNAME   kc4uhm.amp.org.

#Savannah area X1J Switch (Spence Harrison, kk4to)
kk4to-5.ampr.org         IN      A       44.36.52.1
sav.    IN      CNAME   sav.amp.org

#Spence Harrison
kk4to.ampr.org           IN      A       44.36.52.1
kk4to.  IN      CNAME   kk4to.amp.org.

#Statesboro Area X1J Switch (Buddy Horne, n4zaj)
n4zaj-5.ampr.org         IN      A      44.36.52.128
```

```
sta.    IN      CNAME   sta.ampr.org.

#Buddy Horne
n4zaj.ampr.org          IN      A      44.36.52.129
n4zaj.  IN      CNAME   n4zaj.ampr.org.

#Albany Area X1J Switch (Billy Wiggins, wa4gki)
w4mm-5.ampr.org         IN      A       44.36.53.1
alb5.   IN      CNAME   alb5.amp.org.

#Albany Gatway X1J Switch (Billy Wiggins, wa4gki)
w4mm-1.ampr.org.        IN      A       44.36.53.3
alb1.   IN      CNAME   alb1.ampr.org.

#Bainbridge Area X1J Switch (Oscar Jackson, w4nhu)
w4nhu-3.ampr.org.       IN      A      44.36.54.1
bdg1.   IN      CNAME   bdg1.ampr.org.

#Oscar Jackson
w4nhu.ampr.org.         IN      A      44.36.54.2
w4nhu.  IN      CNAME   w4nhu.ampr.org.

#*********************************************************************
#*             Eastern GA IP Address Assignments
#*   See W4SDL for IP Address Assignments (updated 10/25/93)
#*********************************************************************

#Brunswick Switch (Northbound traffic - 145.01)
w4sdl-1.ampr.org.       IN      A       44.36.60.1
ssi1.   IN      CNAME   ssi1.ampr.org.

#Brunswick Switch (Southbound traffic - 145.67)
w4sdl-4.ampr.org.       IN      A       44.36.60.4
ssi4.   IN      CNAME   ssi4.ampr.org.

#Fred Weidenhamer
w4sdl.ampr.org.         IN      A       44.36.60.10
w4sdl.  IN      CNAME   w4sdl.ampr.org.

#Don  Knect
kc4jut.ampr.org.        IN      A       44.36.60.11
kc4jut. IN      CNAME   kc4jut.ampr.org.

#Bill Bailey
wb4enn.ampr.org.        IN      A       44.36.60.12
wb4enn. IN      CNAME   wb4enn.ampr.org.

#Ed Jones
n3euv.aampr.org.        IN      A       44.36.60.13
n3euv.  IN      CNAME   n3euv.aampr.org.

#Ted Shelander
kb4pxx.ampr.org         IN      A       44.36.60.14
kb4pxx. IN      CNAME   kb4pxx.ampr.org

#Jim Saffel
kd4jup.ampr.org.        IN      A       44.36.60.15
kd4jup. IN      CNAME   kd4jup.ampr.org.

#Fred Weidenhamer (-1)
w4sdl-1.ampr.org.         IN      A       44.36.60.20
w4sdl-1.  IN      CNAME   w4sdl-1.ampr.org.

#*********************************************************************
#*               Armstrong College Switch/LAN
#*                      Savannah, GA.
#*            [44.36.62.1] thru [44.36.62.50] inclusive
#*  Contact Mark Eversoll, KQ4WT for more information and for IP
#*  coordination in this LAN.  Email = mark@dinsdale.armstrong.edu
#* Last update 12/08/94
#*********************************************************************

#Armstrong College gateway/switch
edu.kq4wt.ampr.org      IN      A       44.36.62.1
edu.kq4wt. IN   CNAME   edu.kq4wt.ampr.org.

#Mark Eversoll
kq4wt.ampr.org.         IN      A       44.36.62.5
kq4wt.  IN      CNAME   kq4wt.ampr.org.
```

```
#*********************************************************************
#*      South Georgia Area IP ADDRESS ASSIGNMENT AS OF 10/14/95
#*    please refer all IP address assignments for South Georgia
#*              to Wayne, WD4LYV in Sycamore, GA.
#*          S. GA = [44.36.62.55] thru [44.36.62.99]
#*          S. GA = [44.36.64.20] thru [44.36.64.59]
#*********************************************************************

#Wayne
wd4lyv.ampr.org.        IN      A       44.36.64.20
wd4lyv. IN      CNAME   wd4lyv.ampr.org.

#Wayne
bbs.wd4lyv.ampr.org.    IN      A       44.36.64.21
bbs.wd4lyv.     IN      CNAME   bbs.wd4lyv.ampr.org.

#Wayne
laptop.wd4lyv.ampr.org. IN      A       44.36.64.22
laptop.wd4lyv.  IN      CNAME   laptop.wd4lyv.ampr.org.

#Wayne
mobile.wd4lyv.ampr.org. IN      A       44.36.64.23
mobile.wd4lyv.  IN      CNAME   mobile.wd4lyv.ampr.org.

#Bob
wd4mnt.ampr.org.        IN      A       44.36.64.24
wd4mnt.         IN      CNAME   wd4mnt.ampr.org.

#Bobby
ka4dpf.ampr.org.        IN      A       44.36.64.25
ka4dpf. IN              CNAME   ka4dpf.ampr.org.
#Bobby
laptop.ka4dpf.ampr.org. IN      A       44.36.64.26
laptop.ka4dpf. IN       CNAME   laptop.ka4dpf.ampr.org.

#Sam
ke4msn.ampr.org.        IN      A       44.36.64.27
ke4msn.         IN      CNAME   ke4msn.ampr.org.

#Keith
kf4bi.ampr.org.         IN      A       44.36.64.28
kf4bi.        IN        CNAME   kf4bi.ampr.org.

#Keith
shack.kf4bi.ampr.org.   IN      A       44.36.64.29
shack.kf4bi.  IN        CNAME   shack.ampr.org.

#Andy
ke4pum.ampr.org.        IN      A       44.36.64.30
ke4pum.      IN         CNAME   ke4pum.ampr.org.

#Cindy
kd4rjy.ampr.org.        IN      A       44.36.64.31
kd4rjy.      IN         CNAME   kd4rjy.ampr.org.

#Fuzz
wa4ntf.ampr.org.        IN      A       44.36.64.32
wa4ntf.      IN         CNAME   wa4ntf.ampr.org.

#Fuzz
laptop.wa4ntf.ampr.org. IN      A       44.36.64.33
laptop.wa4ntf.  IN      CNAME   laptop.wa4ntf.ampr.org.


#Adel Switch
nb4x-6.ampr.org.        IN      A       44.36.64.50
adel4.          IN      CNAME   adel1.ampr.org.

#Valdosta Switch
nb4x-4.ampr.org.        IN      A       44.36.64.51
VLD4.           IN      CNAME   vld4.ampr.org.

#Glen
nb4x.ampr.org.          IN      A       44.36.64.52
nb4x.           IN      CNAME   wd4mnt.ampr.org.

#Glen
laptop.nb4x.ampr.org.   IN      A       44.36.64.53
```

```
laptop.nb4x.    IN      CNAME   laptop.nb4x.ampr.org.

#Scott
kb0y.ampr.org.          IN      A       44.36.64.54
kb0y.           IN      CNAME   kb0y.ampr.org.

#Scott
laptop.kb0y.ampr.org.   IN      A       44.36.64.55
laptop.kb0y.    IN      CNAME   laptop.kb0y.ampr.org.

#*********************************************************
#************** South Carolina IP Addresses ***************
#*********************************************************

#Jim Cantrell
ki4fl.ampr.org          IN      A       44.38.144.1
ki4fl.          IN      CNAME   ki4fl.ampr.org

#Vince Ott
wd4nun.ampr.org         IN      A       44.38.108.6
wd4nun.         IN      CNAME   wd4nun.ampr.org

#Bill Toomer
wa2gym-7.ampr.org       IN      A       44.38.140.2
wa2gym-7        IN      CNAME   wa2gym-7.ampr.org

#Spence Miner
k4kep.ampr.org                IN      A       44.38.130.1
k4kep.                IN      CNAME   k4kep.ampr.org

#<><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>|
#<><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>|
#**************< end of DOMAIN.TXT >***************|
#<><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>|
#<><><><><><><><><><><><><><><><><><><><><><><><><><><><><><>|
```

Doug Reed, N3AIA, Roswell, Georgia
n3aia@worldnet.att.net
doug.reed@juno.com
n3aia@america.net

98. Re: [REGIONAL_FREQ:252] Re: packet message

From: George Kent <grkent@bigfoot.com>
Date: Sun, 23 Feb 1997 18:52:37 -0500
To: regional_freq@tapr.org
Message-ID: <01IFRKTEC7CG96SK0P@InfoAve.Net>
Rendered body type: text/plain

> What would this data format look like ? Figure that it has to be fixed
> format and within 80 char in length per line.
>
> >3. then at some timed interval (quarterly was suggested above)
>

I made a text file for SC data, which can be forwarded on packet and
plan to distribute this statewide.This is a natural for me as I am the
only submitter in the state. Sample attached.

George Kent
Lancaster, SC
KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
grkent@bigfoot.com

SC DIGITAL FREQUENCIES - Feb.23,1997

CITY	LOCATION	CALL	ALIAS	FREQ	TYPE	UPDATE
AIKEN		KD4BOP	AIKBBS	145.73, 145.010	BBS	2/20/97
AIKEN		KD4BOP-2	AIKSC	145.010	Node	2/18/97
BEAUFORT		KD4FJ	BFTBBS	145.01, 223.400	BBS	1/28/95
BEAUFORT		W1WXS-9	BFT	145.010	Node	1/28/95
BEAUFORT		W1WXS-8	?	223.400	Node	1/28/95
CAESARS HEAD		W4NYK-7	GSP	145.770	Node	2/10/97
CHARLESTON	GIVHANS	N4CII		145.73, 223.400	BBS	1/28/95
CHARLESTON		N4CII-3	TARC	145.730	Node	1/28/95
CHERAW		KD4ZMR-7	CHERAW	145.770	Node	2/10/97

```
CLOVER                W4BFB-6   CLO    145.050                    Node 2/10/97
CLOVER                W4BFB-8   CLO220 223.400                    Node 2/10/97
COLD POINT            N4VJH-1   SCLUX1 145.070                    Node 2/16/97
COLUMBIA              KD4KAO           145.03, 446.500, 223.400   BBS  2/16/97
---------------text cut
```

99. FTP with Internet Explorer to NADSD?

```
From: Carl Estey <cestey@millcomm.com>
Date: Sun, 23 Feb 97 21:54 CST
To: "Ken Oliver" <knoliver@main.tcd.net>
Cc: REGIONAL_FREQ@tapr.org
Message-ID: <1.5.4.16.19970224034316.237f57c4@millcomm.com>
Rendered body type: text/plain
```

Hi Ken -

Sorry, but I haven't used Internet Explorer myself. I am going to CC your message to the REGIONAL_FREQ remailer. Someone there may have some help for you. Sorry I can't be of more help.

Carl - WA0CQG

```
-----------------------------------
At 03:07 PM 2/23/97 -0700, you wrote:
>Carl,  don't know if you are the right person to ask these questions
>but if not please stear me in the right direction.
>I recieved my ftp login and password from you.  In using these I get
>a response as follows:   Internet Explorer cannot open the Internet site
> ftp://(login):(password)@ftp.tapr.org     The server returned extended
>information.  On behalf of the So. Utah Packet Users Group I would
>appreciate any help.   Ken  N6KBM  Tapr #2821
>
>
```

100. Browser problem

```
From: w6go@netcom.com (Jay O'Brien - W6GO)
Date: Mon, 24 Feb 1997 00:05:11 -0800 (PST)
To: regional_freq@tapr.org (tapr_freq_coord !)
Message-ID: <199702240805.AAA13598@netcom14.netcom.com>
Rendered body type: text/plain
```

Is anyone else having problems with the California NADSD page? Yesterday it loaded ok but would not print with Netscape 3.01. It would print ok with an ancient version of Netscape, but did not print the right-hand 20% or so. Today, I try to load the California file and after about 80 seconds it starts to display, then locks up with an "Application Error, abnormal program termination" and its re-boot time.

Other states seem to work as before. The Nevada page loads almost instantly and will print ok using Netscape 3.01.

I suspect the problem may be because I only have about 11 MB of RAM available for Windows in this machine. If that really is the problem, then something needs to be done so that folks with "minimum" machines can access the files.

I have viewed at least 20 www sites today and printed at least 10, all with no problems. It is only the tapr site and the California page that I seem to have problems with.

73, Jay
    w6go@netcom.com

101. Re: [REGIONAL_FREQ:257] Browser problem

```
From: wd6cmu@netcom.com (Eric Williams)
Date: Mon, 24 Feb 1997 00:23:40 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <199702240823.AAA16541@netcom11.netcom.com>
Rendered body type: text/plain
```

```
>
> Is anyone else having problems with the California NADSD page?  Yesterday
> it loaded ok but would not print with Netscape 3.01.  It would print ok
> with an ancient version of Netscape, but did not print the right-hand 20%
> or so. Today, I try to load the California file and after about 80 seconds
> it starts to display, then locks up with an "Application Error, abnormal
> program termination" and its re-boot time.

Worked OK for me.  Netscape 3.0 Win 95.
```

> I suspect the problem may be because I only have about 11 MB of RAM
> available for Windows in this machine. If that really is the problem,
> then something needs to be done so that folks with "minimum" machines can
> access the files.

I doubt that's the problem, unless you've got very limited virtual memory
space. 11MB should be plenty of memory.
--
Eric Williams | wd6cmu@netcom.com | WD6CMU@WD6CMU.#NOCAL.CA.USA.NOAM

  Dost Thou know that the ages will pass, and humanity will proclaim by
  the lips of their sages that there is no crime, and therefore no sin;
  there is only hunger? In the end they will lay their freedom at our
  feet, and say to us, "Make us your slaves, but feed us!" They will
  understand themselves at last, that freedom and bread enough for all
  are inconceivable together.
                        -- Fyodor Dostoyevsky, The Brothers Karamazov

102. Re: [REGIONAL_FREQ:258] Re: Browser problem

From: w6go@netcom.com (Jay O'Brien - W6GO)
Date: Mon, 24 Feb 1997 09:04:57 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <199702241704.JAA21312@netcom4.netcom.com>
Rendered body type: text/plain

> I doubt that's the problem, unless you've got very limited virtual memory
> space. 11MB should be plenty of memory.

Can you provide some more detail?   I am NOT a Windows type, and have
even less experience with Browsers.

73, Jay
    w6go@netcom.com

103. Re: [REGIONAL_FREQ:257] Browser problem

From: w6go@netcom.com (Jay O'Brien - W6GO)
Date: Mon, 24 Feb 1997 20:41:15 -0800 (PST)
To: wglennrz@ix.netcom.com
Cc: regional_freq@tapr.org
Message-ID: <199702250441.UAA13558@netcom2.netcom.com>
Rendered body type: text/plain

>
> On 02/24/97 02:08:21 you wrote:
> >
> >Is anyone else having problems with the California NADSD page? Yesterday
> >it loaded ok but would not print with Netscape 3.01. It would print ok
> >with an ancient version of Netscape, but did not print the right-hand 20%
> >or so. Today, I try to load the California file and after about 80 seconds
> >it starts to display, then locks up with an "Application Error, abnormal
> >program termination" and its re-boot time.
> >
> >Other states seem to work as before. The Nevada page loads almost
> >instantly and will print ok using Netscape 3.01.
> >
> >I suspect the problem may be because I only have about 11 MB of RAM
> >available for Windows in this machine. If that really is the problem,
> >then something needs to be done so that folks with "minimum" machines can
> >access the files.
> >
> >I have viewed at least 20 www sites today and printed at least 10, all
> >with no problems. It is only the tapr site and the California page that
> >I seem to have problems with.
> >
>
> I just deleted the Southern California file that I uploaded yesterday. Let
> me know if that fixed it.
>
> 73, ...Glenn KM6RZ
>
>
>

Hi Glenn (copy to the reflector),

  That did it! Now I can load the California data into my browser with
no problem. I still can't print it, however. No problems loading or
printing other states.
  Perhaps the web programmers can determine what the problem is, but if

it turns out that users won't be able to access and use the data unless
they have a gorilla computer, the data won't be useful to the people we
would wish would use it.
  Thanks for your help.
     73, Jay
         w6go@netcom.com

104. Multiple files uploaded

From: Jeff Reinhardt <jreinh@ix19.ix.netcom.com>
Date: Tue, 25 Feb 1997 15:59:57 -0800
To: regional_freq@tapr.org
Message-ID: <33137CFD.49AA@popd.ix.netcom.com>
Rendered body type: text/plain

Question: I have kust updated the files for the APA Digital
Communications Network...I noticed that the update file did not
overwrite the previous information file. The correct file for the
database to read from is TAPR1.txt   It would appear the TAPR database
computer needs a date/time correction. In any event, PLease instruct me
as to the correct procedure for uploading update files. Thanks & 73,

Jeff Reinhardt, AA6JR

105. Re: [REGIONAL_FREQ:261] Multiple files uploaded

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 25 Feb 1997 18:25:21 -0600
To: regional_freq@tapr.org
Message-ID: <v03020741af393306d7e6@[208.134.134.40]>
Rendered body type: text/plain

Jeff, the system reads all the files in from sctrach.

If you uploaded a file over the existing one -- then it all got read in.

Don't forget that the system only updates at 20 min past 12,3,6, and 9 (am
and pm) central time.

The system doesn't look at time or date or files or update dates within the
entry. It just takes it all.

Cheers - Greg

>Question: I have kust updated the files for the APA Digital
>Communications Network...I noticed that the update file did not
>overwrite the previous information file. The correct file for the
>database to read from is TAPR1.txt   It would appear the TAPR database
>computer needs a date/time correction. In any event, PLease instruct me
>as to the correct procedure for uploading update files. Thanks & 73,
>
>Jeff Reinhardt, AA6JR

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

106. Re: [REGIONAL_FREQ:262] Re: Multiple files uploaded

From: Jeff Reinhardt <jreinh@ix17.ix.netcom.com>
Date: Tue, 25 Feb 1997 17:04:31 -0800
To: regional_freq@tapr.org
Message-ID: <33138C1F.719E@popd.ix.netcom.com>
Rendered body type: text/plain

Greg Jones, WD5IVD wrote:
>
> Jeff, the system reads all the files in from sctrach.
>
> If you uploaded a file over the existing one -- then it all got read in.
>
> Don't forget that the system only updates at 20 min past 12,3,6, and 9 (am
> and pm) central time.
>
> The system doesn't look at time or date or files or update dates within the
> entry. It just takes it all.
>

> Cheers - Greg
>
> >Question: I have kust updated the files for the APA Digital
> >Communications Network...I noticed that the update file did not
> >overwrite the previous information file. The correct file for the
> >database to read from is TAPR1.txt   It would appear the TAPR database
> >computer needs a date/time correction. In any event, PLease instruct me
> >as to the correct procedure for uploading update files. Thanks & 73,
> >
> >Jeff Reinhardt, AA6JR
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----

Greg:

I guess I was not accurately stating the problem...I loaded the file in
but it came up in a different file name. The problem is, I can't kill
the old ones. As a result, the listings for the sites in our system are
shown Four times each! (It's a good system, but that's overkil, even for
us!) If possible, please kill all but the most recent file...or
leave me instructions on how to do so. Thanks & 73, Jeff

107. Re: [REGIONAL_FREQ:263] Re: Multiple files uploaded

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 25 Feb 1997 19:29:43 -0600
To: regional_freq@tapr.org
Message-ID: <v03020748af393fadd206@[208.134.134.40]>
Rendered body type: text/plain

>Greg:
>
>I guess I was not accurately stating the problem...I loaded the file in
>but it came up in a different file name. The problem is, I can't kill
>the old ones. As a result, the listings for the sites in our system are
>shown Four times each! (It's a good system, but that's overkil, even for
>us!) If possible, please kill all but the most recent file...or
>leave me instructions on how to do so. Thanks & 73, Jeff

Right.

I'll go in now and delete three of the four files :-) Give you a chance to
get it right.

Here are the files that were in your area:
TAPR1.TXT
TAPR1.txt
tapr1.txt
tapr1.txt.txt

The reason that you are not overwriting the files is that each of these
file names are unique. Keep in mind that a UNIX system uses both upper and
lower case in the file names.

You have to type the filename exactly as it is shown to overright it.

Also, how were you trying to delete the files ?

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

108. Re: [REGIONAL_FREQ:264] Re: Multiple files uploaded

From: Jeff Reinhardt <jreinh@ix6.ix.netcom.com>
Date: Tue, 25 Feb 1997 17:57:42 -0800
To: regional_freq@tapr.org
Message-ID: <33139896.52EB@popd.ix.netcom.com>
Rendered body type: text/plain

Greg Jones, WD5IVD wrote:
>
> >Greg:
> >
> >I guess I was not accurately stating the problem...I loaded the file in
> >but it came up in a different file name. The problem is, I can't kill
> >the old ones. As a result, the listings for the sites in our system are
> >shown Four times each! (It's a good system, but that's overkil, even for
> >us!) If possible, please kill all but the most recent file...or
> >leave me instructions on how to do so. Thanks & 73, Jeff
>
> Right.
>
> I'll go in now and delete three of the four files :-) Give you a chance to
> get it right.
>
> Here are the files that were in your area:
> TAPR1.TXT
> TAPR1.txt
> tapr1.txt
> tapr1.txt.txt
>
> The reason that you are not overwriting the files is that each of these
> file names are unique. Keep in mind that a UNIX system uses both upper and
> lower case in the file names.
>
> You have to type the filename exactly as it is shown to overright it.
>
> Also, how were you trying to delete the files ?
>
> Cheers - Greg
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----

Greg--I don't know how to go about deleting the files. Please instruct
me so as to avoid this problem in the future.

Thanks also for the tip on UNIX. I was not aware it saw upper and lower
case.

Your assistance is most appreciated...73, Jeff

109. Re: [REGIONAL_FREQ:263] Re: Multiple files uploaded

From: cestey@millcomm.com (Carl Estey)
Date: Wed, 26 Feb 1997 10:22:18 -0600
To: regional_freq@tapr.org
Message-ID: <m0vzm6U-000MmAC@mill2.millcomm.com>
Rendered body type: text/plain

As a work around you can let me know what files should be deleted and I can
do that for you. This will buy some time to resolve the problem.

Carl - WA0CQG

>Greg Jones, WD5IVD wrote:
>>
>> Jeff, the system reads all the files in from sctrach.
>>
>> If you uploaded a file over the existing one -- then it all got read in.
>>
>> Don't forget that the system only updates at 20 min past 12,3,6, and 9 (am
>> and pm) central time.
>>
>> The system doesn't look at time or date or files or update dates within the
>> entry. It just takes it all.
>>
>> Cheers - Greg
>>
>> >Question: I have kust updated the files for the APA Digital
>> >Communications Network...I noticed that the update file did not
>> >overwrite the previous information file. The correct file for the
>> >database to read from is TAPR1.txt   It would appear the TAPR database
>> >computer needs a date/time correction. In any event, PLease instruct me

>> >as to the correct procedure for uploading update files. Thanks & 73,
>> >
>> >Jeff Reinhardt, AA6JR
>>
>> -----
>> Greg Jones, WD5IVD
>> Austin, Texas
>> wd5ivd@tapr.org
>> http://www.tapr.org/~wd5ivd
>> -----
>
>
>Greg:
>
>I guess I was not accurately stating the problem...I loaded the file in
>but it came up in a different file name. The problem is, I can't kill
>the old ones. As a result, the listings for the sites in our system are
>shown Four times each! (It's a good system, but that's overkil, even for
>us!) If possible, please kill all but the most recent file...or
>leave me instructions on how to do so. Thanks & 73, Jeff
>
>
>
Carl Estey, Amateur Radio Station WA0CQG
10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area

---

110. Re: [REGIONAL_FREQ:265] Re: Multiple files uploaded

From: cestey@millcomm.com (Carl Estey)
Date: Wed, 26 Feb 1997 10:40:59 -0600
To: regional_freq@tapr.org
Message-ID: <m0vzmOZ-000MmAC@mill2.millcomm.com>
Rendered body type: text/plain

Once in your directory, send del TAPR1.TXT or delete TAPR1.TXT and
TAPR1.TXT will be gone.

Carl - WA0CQG

>Carl -- can you take over here. I have to get back to writing on my
>dissertation and about seventeen dozen other things.
>
>Greg
>
>>Date: Tue, 25 Feb 1997 20:09:39 -0600 (CST)
>>Reply-To: regional_freq@tapr.org
>>Originator: regional_freq@tapr.org
>>Sender: regional_freq@tapr.org
>>Precedence: bulk
>>From: Jeff Reinhardt <jreinh@ix6.ix.netcom.com>
>>To: regional_freq@tapr.org
>>Subject: [REGIONAL_FREQ:265] Re: Multiple files uploaded
>>X-Comment: Tucson Amateur Packet Radio Regional Digital Freq Coordinators
>>MIME-Version: 1.0
>>
>>Greg Jones, WD5IVD wrote:
>>>
>>> >Greg:
>>> >
>>> >I guess I was not accurately stating the problem...I loaded the file in
>>> >but it came up in a different file name. The problem is, I can't kill
>>> >the old ones. As a result, the listings for the sites in our system are
>>> >shown Four times each! (It's a good system, but that's overkil, even for
>>> >us!) If possible, please kill all but the most recent file...or
>>> >leave me instructions on how to do so. Thanks & 73, Jeff
>>>
>>> Right.
>>>
>>> I'll go in now and delete three of the four files :-) Give you a chance to
>>> get it right.
>>>
>>> Here are the files that were in your area:
>>> TAPR1.TXT
>>> TAPR1.txt
>>> tapr1.txt
>>> tapr1.txt.txt
>>>

>>> The reason that you are not overwriting the files is that each of these
>>> file names are unique. Keep in mind that a UNIX system uses both upper and
>>> lower case in the file names.
>>>
>>> You have to type the filename exactly as it is shown to overright it.
>>>
>>> Also, how were you trying to delete the files ?
>>>
>>> Cheers - Greg
>>>
>>> -----
>>> Greg Jones, WD5IVD
>>> Austin, Texas
>>> wd5ivd@tapr.org
>>> http://www.tapr.org/~wd5ivd
>>> -----
>>
>>
>>Greg--I don't know how to go about deleting the files. Please instruct
>>me so as to avoid this problem in the future.
>>
>>Thanks also for the tip on UNIX. I was not aware it saw upper and lower
>>case.
>>
>>Your assistance is most appreciated...73, Jeff
>>
>
>-----
>Greg Jones, WD5IVD
>Austin, Texas
>wd5ivd@tapr.org
>http://www.tapr.org/~wd5ivd
>-----
>
>
>
>
Carl Estey, Amateur Radio Station WA0CQG
10021 Drew Ave. S., Bloomington, MN 55431-2727 (612) 835-0056/ 0067
E-Mail: cestey@millcomm.com or wa0cqg@wa0cqg-uhf.ampr.org
Digital Frequency Coordinator - Metropolitan Minneapolis/St. Paul area

111. Failure with upload

From: "Ken Oliver" <knoliver@tcd.net>
Date: Wed, 26 Feb 1997 12:56:42 -0700
To: <regional_freq@tapr.org>
Message-ID: <199702261956.MAA12507@tcd.net>
Rendered body type: text/plain

Recieved my login and password. In using these with Internet Explorer
I get the following response:
cannot open the site ftp://(login):(password)@ftp.tapr.org.
The server returned extended information.
Any help would be appreciated. Tnx de Ken in So. Utah.

112. CA Listing

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 26 Feb 1997 17:32:47 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03020781af3a70fda360@[208.134.134.40]>
Rendered body type: text/plain

The CA listing now falls into list of pages that have over 200 entires.
Texas and one or two others fall into this list as well. Netscape 3.0,
from previous testing here on this list, seems to be especially prone to
hose up when looking at large tables. Some people's system might have
problems viewing the page until the new code is implemented to generate
small pages.

I should have the new code working next week on my return from DC that
splits listing into multiple pages and should help those with lower end
system running Netscape to view these pages.

Also, the current table based pages were never meant to be printed as is.
It was always the assumption that at some point in the future a listing
would be done that could be printed, but that was not as complete. You
might try saving them to a file and then working on them as one solution
with the tables.

To help those that really want to print data that might change every three
hours (old paradigm, new system concept), there is a link to a printable
text version on each page now. Doesn't look as good as the frames, but
hey, 80 chars is not enough space to do length stuff on. If you have to
print out the information, try looking at this sub page.

These pages should be suitable for distribution over the packet networks,
if broken into multiple messages using R95 or another utility and then
posted.

http://www.tapr.org/directory/us/ca.txt is an example.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

113. Re: [REGIONAL_FREQ:268] Failure with upload

From: Carl Estey <cestey@millcomm.com>
Date: Wed, 26 Feb 97 19:21 CST
To: regional_freq@tapr.org
Message-ID: <1.5.4.16.19970227010940.21df0b38@millcomm.com>
Rendered body type: text/plain

Hello folks -

Can anyone help Ken with this? I just entered his directory using WS_FTP
and everything was fine. I do not have Internet Explorer so Icannot
duplicate his situation, but I can tell the account is set up right.

Carl - WA0CQG

At 01:59 PM 2/26/97 -0600, you wrote:
>Recieved my login and password. In using these with Internet Explorer
>I get the following response:
>cannot open the site ftp://(login):(password)@ftp.tapr.org.
>The server returned extended information.
>Any help would be appreciated. Tnx de Ken in So. Utah.
>
>
>

114. By popular demand

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 26 Feb 1997 22:29:33 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0300780aaf3ab97b509d@[208.134.134.40]>
Rendered body type: text/plain

Please check your pages.

I rewrote the software so that the output is not <table> based.

Texas and Calf loaded in just a few seconds, without any problems under the
new system.

If this new format is acceptable, I'll start working on creating the code
to generate the lists by FREQ, NETWORK TYPE, and SYSTEM TYPE in the system
to go with the by CITY listing.

Also, I am working on a program to run weekly and examine everyones data.
When run it will send a message to each submitter telling the level of
accuracy per entry line. This should help us start to raise the level of
data provided into the system and provide a weekly check for those
submitting data.

In addition, when someone uses a <mailto:> to mail a comment to the
submitter the system automatically inserts the state, city, call, and freq
of the entry that the viewer is commenting about. That should help many of
you track down issues with e-mail about listings.

Now for a question.

How many people are using browsers that support Frames ?

I would like to look at putting the legend for the data pages in a frame at
the top so that it is always there and also including the navigation links
there as well.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

115. Re: By Popular Demand

From: w6go@netcom.com (Jay O'Brien - W6GO)
Date: Thu, 27 Feb 1997 01:01:37 -0800 (PST)
To: regional_freq@tapr.org (tapr_freq_coord !)
Cc: k6el@juno.com
Message-ID: <199702270901.BAA14349@netcom15.netcom.com>
Rendered body type: text/plain

Wonderful!! My Browser loves the new format.

Greg now has something that loads instantly and that I can print. And,
I did print the California record, just to prove I could and to see how
my inputs track with the others. The California record took 26 pages
and it took over an hour and a half to print on my LaserJet II. Gawd,
how I **love** Windows.

I have some suggestions.

1. The Sponsor field is not wide enough. Example, Oakhurst, 145.77.
   "Charles Allessi, W6IEG" is the data, and it is printed as follows:
   "Charles Allessi, W". The Sponsor field is shared with the
   Organization field and notes. It looks like there is always a
   blank line between the Organization field and the Notes field.
   I suggest that IF there is a comma in the Sponsor field, which
   in my example indicates a callsign follows, that the callsign be
   placed on the next line. The Organization would be the next line,
   followed by notes on the next line.

2. Now that the display is in non-proportional font format, I suggest
   that the maximum number of characters or other limitations be
   detailed for each field in the database.

3. Now that "Network type" is meaningful, I suggest that "PC/TNC" be
   added to the acceptable entries to allow the L2 only WA8DED code
   originally provided with the PacketCluster software to be designated.
   A large portion of PacketCluster nodes run BPQ switches as TSRs
   replacing PC/TNC, and they would be so indicated. I also suggest
   that "X1J" be allowed as a network type. I find many such entries
   across the states' databases and as it is enough different from the
   original "TheNet", I suggest that "X1J" be sanctioned. The same with
   "KA" for KA-Node (ugh).

   Now that I see how the new format looks (great!), I am going to
   update my "Network type" field to reflect "BPQ" for most of our
   PacketCluster Nodes, "PC/TNC" for the two that haven't converted,
   and "X1J" for most of our user access Network nodes (but a very
   small number of TheNet and KA nodes).

4. I suggest that users be allowed to pull data from the database based
   on several different criteria, and then display the data and download
   a straight ASCII file that could be printed off-line. The Selection
   criteria should include the following examples:

   A: entries within 50 miles of the users entered lat/long
   B: entries within 100 miles of the users entered lat/long
   C: entries in a state
   D: entries in a submitted list of Cities

   For each of the four geographic areas described above (A, B, C, D)
   provide means to limit section to a specified system type, network
   type or software used.

5. I suggest that additional fields be made "required", after giving
   the uploaders an opportunity to comment. For instance, Last update,
   submitter email and submitter info should be required fields, in my
   opinion.

6. I suggest that the "n/p" entered for "not provided" (I guess) be
   dropped for the situations when "Organization" is not included. It
   really cheapens the display and printout, in my opinion.

7. I suggest that the "Submitter email" field be added in the same
   column as "Submitter and last updated" as a third line. This will
   give "lookee-loos" someone to send email to if they have a question.

8. I suggest that the Location column be changed to show "Geographic
   Area" first, then "County" then "Location". This would start with
   the widest area and narrow down to the specific location.

9. I suggest that the User parameters column be changed to show the
   "System type" first, then "Network type", "Software used", "Speed",
   "IP Address" and "FQDN" as these are likely to be the order of
   criteria used by a user to select a packet node of some type.

I really commend Greg for bringing the display down to an 80 character
line. It will better fit the lowest common denominator of terminal
that the target user community for this database may represent.
Apparently my browser implementation also fits this description, but
perhaps that is not "bad".

It's really great to see this database developing. I only wish that I
had been told up front that it was still in beta test so that I would
not have been so quick to criticize when I first came on board.

Greg asks about browsers that support frames. How the heck would I
know? I can't hardly spell "browser"! Now I have a "frame" which
supports my computer, but.....................

I'm sure that what Greg means is that he could force the display to
freeze the column headings, but as I'm not on speaking terms with
Netscape 3.01 documentation (?), I can't respond.

73, Jay
    w6go@netcom.com

116. NADSD - LAT/LONG

From: Carl Estey <cestey@millcomm.com>
Date: Thu, 27 Feb 97 08:58 CST
To: REGIONAL_FREQ@tapr.org
Cc: bodsond@ncs.gov
Message-ID: <1.5.4.16.19970227144649.21df952c@millcomm.com>
Rendered body type: text/plain

Hello folks -

Can anyone help Dennis with this question. I have read the doc and I wasn't
real clear on the answer I should give Dennis. So, can anyone- particularly
those who are APRS folks - help Dennis? An email to him would be great
because I am not sure he is on this reflector.

Thanks,

Carl - WA0CQG
==========
>Return-Path: <bodsond@ncs.gov>
>Date: Thu, 27 Feb 97 09:45:52 EST
>From: "Dennis Bodson" <bodsond@ncs.gov>
>To: cestey@millcomm.com
>Subject: NADSD
>
>Carl:
>
>Could you please tell me what DDMM.HH means for Lat and Long. Also, how do
>we include East, West, North or South. An example would be appreciated.
>
>Many
>Thanks
>
>Dennis
>
>
>

117. Re: [REGIONAL_FREQ:273] NADSD - LAT/LONG

From: "Stephen D. Goff" <n8ivx@onebellevue.com>
Date: Thu, 27 Feb 1997 10:28:30 -0500
To: regional_freq@tapr.org
Cc: bodsond@ncs.gov
Message-ID: <2.2.32.19970227152830.0070d12c@onebellevue.com>
Rendered body type: text/plain

>>From: "Dennis Bodson" <bodsond@ncs.gov>
>>To: cestey@millcomm.com
>>Subject: NADSD
>>
>>Carl:
>>
>>Could you please tell me what DDMM.HH means for Lat and Long. Also, how do
>>we include East, West, North or South. An example would be appreciated.
>>
>>Many
>>Thanks
>>
>>Dennis

I beleive this should be "DDMM.SS" where "DD" is degrees, "MM" is minutes,
and ".SS" is seconds multiplied by 1.66

Positive numbers are North and West, while negative numbers are South and East.

---
73 de Steve
Central Lakeshore Experimenter's Digital Organization (CLEDO)
Packet: N8IVX@N8IVX.#NWOH.OH.USA.NOAM
AmprNet: n8ivx@n8ivx.ampr.org [44.71.44.4] <- NEW
E-Mail: n8ivx@onebellevue.com
Web: <http://kc8cgr.ampr.org/>
---

118. Re: NADSD - LAT/LONG

From: "Frank R. Aguilar" <faguilar@ICSI.Net>
Date: Thu, 27 Feb 1997 10:51:58 -0600
To: regional_freq@tapr.org
Message-ID: <3315BBAE.5269@icsi.net>
Rendered body type: text/plain

Hi Dennis,

DDMM.HH is a neat little format to follow. It works for my submissions. Here is the way I programmed
it:

        DDMM.HH breaks down to...

        DD - degrees
        MM - minutes
        HH - hundreds of minutes (usually minutes divided by 60)
                example: 30 seconds = 30/60 = .5

North and West are positive numbers whereas East and South are negative if I remember correctly.
Since my data (Texas) is all in North America, I just make sure both Lng/Lat are positive numbers.

Hope this helps,
Frank Aguilar N5SSH
faguilar@icsi.net

119. Correction

From: "Frank R. Aguilar" <faguilar@ICSI.Net>
Date: Thu, 27 Feb 1997 11:20:09 -0600
To: regional_freq@tapr.org
Message-ID: <3315C249.CB1@icsi.net>
Rendered body type: text/plain

I goofed! HH should have read decimal portion of a minute. The seconds
example is okay.

Sorry,
Frank

Frank R. Aguilar wrote:
>
> Hi Dennis,
>

```
> DDMM.HH is a neat little format to follow.  It works for my submissions.  Here is the way I programmed
 it:
>
>         DDMM.HH breaks down to...
>
>         DD - degrees
>         MM - minutes
>         HH - hundreds of minutes (usually minutes divided by 60)
>                 example: 30 seconds = 30/60 = .5
>
> North and West are positive numbers whereas East and South are negative if I remember correctly.
> Since my data (Texas) is all in North America, I just make sure both Lng/Lat are positive numbers.
>
> Hope this helps,
> Frank Aguilar N5SSH
> faguilar@icsi.net
```

120. Re: [REGIONAL_FREQ:274] Re: NADSD - LAT/LONG

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 27 Feb 1997 12:49:08 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <Pine.GSO.3.95.970227124711.21645O-100000@arctic>
Rendered body type: text/plain

On Thu, 27 Feb 1997, Stephen D. Goff wrote:

> >>Could you please tell me what DDMM.HH means for Lat and Long. Also, how do
> >>we include East, West, North or South. An example would be appreciated.

DEGREES, MINNUTES and HUNDREDTHS of minutes.

Most GPS units default to this format readout since HUNDREDTHS of a minute
is higher precision (100ths) instead of SECONDS (60ths). Also it makes
the math easier. There in no need for N,S,E, and W in North America

121. NADSD lat/lon

From: w1eo@w1eo.ampr.org ("DoC" Dave Willard)
Date: Thu, 27 Feb 97 17:41:21 UTC
To: regional_freq%tapr.org@switch.woonri
Message-ID: <20372@w1eo.ampr.org>
Rendered body type: text/plain

If u know the grid square, the lat/lon can be calculated using the following
'C' code snippet. The defined format is DDMM.HH where DD=degrees, MM= minutes
and HH=hundreths of minutes. It is the APRS format.

During the translation process from my ax.25 bulletin data for the New
England packet servers to the NADSD upload format, I place the grid square
in an array element call 'array' in the form [fn42im]. Then I call;

```
/*************************************************************************
Calculates lat/lon from Grid Square
*************************************************************************/
void gs_latlon (void)
{
float l1,l2,l3,l4,l5,l6;
char L1[1],L2[1],L3[1],L4[1],L5[1],L6[1];
float lon, lat;
float lon1, lat1;
strncpy(L1,array+1,1);
strncpy(L2,array+2,1);
strncpy(L3,array+3,1);
strncpy(L4,array+4,1);
strncpy(L5,array+5,1);
strncpy(L6,array+6,1);
strcpy(L1,strupr(L1)); /* make sure letters are all upper case */
strcpy(L2,strupr(L2));
strcpy(L5,strupr(L5));
strcpy(L6,strupr(L6));
if((int)L1[0]>=82) l1=82-(int)L1[0];
        else l1=73-(int)L1[0];
l3=57-(int)L3[0];
l5=88+1-(int)L5[0];
if((int)L2[0]>74) l2=(int)L2[0]-74;
        else l2=(int)L2[0]-74;
if((int)L4[0]>57) l4=(int)L4[0]-57;
        else l4=(int)L4[0]-48;
if((int)L6[0]>88) l6=(int)L6[0]-88;
        else l6=(int)L6[0]-65;
```

```
lon=l1*20+l3*2+(l5*5)/60;
lon1=(int)lon;
lat=l2*10+l4+(l6*2.5)/60;
lat1=(int)lat;
if(lon-lon1) sprintf(longitude,"%03.0f%02.2f",lon1,(lon-lon1)*60);
else sprintf(longitude,"%03.2f",lon1);
if(lat-lat1) sprintf(latitude,"%02.0f%02.2f",lat1,(lat-lat1)*60);
else sprintf(latitude,"%02.2f",lat1);
}

73 DoC
```

122. Re: [REGIONAL_FREQ:275] Re: NADSD - LAT/LONG

From: Steve Dimse <sdimse@bridge.net>
Date: Thu, 27 Feb 97 13:04:33 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702271804.NAA05162@newworld.bridge.net>
Rendered body type: text/plain

```
>DDMM.HH is a neat little format to follow.  It works for my submissions.
>Here is the way I programmed it:
>
>        DDMM.HH breaks down to...
>
>        DD - degrees
>        MM - minutes
>        HH - hundreds of minutes (usually minutes divided by 60)
>               example: 30 seconds = 30/60 = .5
>
Almost, it is seconds divided by 60. We chose this format as it is the
standard way lat/lons are sent out of a GPS, and is the way all on-air
positions are sent in APRS.

>North and West are positive numbers whereas East and South are negative if
>I remember correctly.

Yes, that is correct.

Steve K4HG
```

123. Re: [REGIONAL_FREQ:278] NADSD lat/lon

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 27 Feb 1997 13:30:04 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <Pine.GSO.3.95.970227131703.21645Q-100000@arctic>
Rendered body type: text/plain

```
On Thu, 27 Feb 1997, DoC Dave Willard wrote:

> If u know the grid square, the lat/lon can be calculated...

Pardon if I have said this before here on this SIG, but APRSdos and
hopefully the map displays of the DIGITAL database will reserve the
originators ambiguity if desired.  Just replace any of the less precise
digits with a SPACE and APRSdos will preserve the ambiguity as follows:

   FORMAT    PRECISION  WILL NOT BE DISPLAYED BELOW THIS MAP SCALE
   --------  ---------  ------------------------------------------
   DDDMM.HH  60 feet    down to the 0.125 mile scale
   DDDMM.H_  0.1 mile   down to the 8 mile range  (6 digit grid sq)
   DDDMM.__  1 mile     down to the 64 mile range (4 digit grid sq)
   DDDMM___  1 mile     down to the 256 mile range (not applicable here)

Using this algorithm if you leave off the hundredths, you wont be able to
see the object below a 64 mile scale..., however, a 64 mile map will look
AWFULLLY crowded on 2 meters..  Maybe a these ambiguity factors can be
adjusted differently for this application...
```

124. Re: [REGIONAL_FREQ:280] Re: NADSD lat/lon

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 27 Feb 1997 13:40:21 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <Pine.GSO.3.95.970227133850.21645S-100000@arctic>
Rendered body type: text/plain

```
ARGH!  My message regarding the ambiguity potential of LAT/LONGS was meant
as a suggestion..  I did not intend to suggest any change in the formats
rquested by TAPR.  Hope this doesnt screw anyone up...
```

125. Re: [REGIONAL_FREQ:280] Re: NADSD lat/lon

From: Steve Dimse <sdimse@bridge.net>
Date: Thu, 27 Feb 97 13:49:49 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702271849.NAA10831@newworld.bridge.net>
Rendered body type: text/plain

>Using this algorithm if you leave off the hundredths, you wont be able to
>see the object below a 64 mile scale..., however, a 64 mile map will look
>AWFULLLY crowded on 2 meters.. Maybe a these ambiguity factors can be
>adjusted differently for this application...
>
This DOES NOT work with javAPRS, and depending on the version of Java you
are running, may actually result in the position never being displayed.
If you don't want the precise position of your system to be displayed,
then choose as nearby a position you are comfortable with, and supply
that in the DDMM.HH format.

Steve K4HG

126. Printouts

From: "Stephen C. Draper N5SD" <sdraper@ckt.net>
Date: Fri, 28 Feb 1997 16:57:36 +0000
To: regional_freq@tapr.org
Message-ID: <33170E80.2817@ckt.net>
Rendered body type: text/plain

I have a simple solution for those that wish a full printout of the
listings, print sideways or in the landscape mode. Both my printers
support this.

For those that don't want to put out the money for EXCEL there is a
cheaper solution also. Wal-Mart is selling XL SPREADSHEET by ThinkTank
for $5.00. I found mine in the bargain bin for $2.50. This only works
with version 4.0 files. It will not read or save in tab delimited text.
Now if someone can come up with a conversion program that changes .xls
to the proper .txt, we would be set. Hope this remark is not considered
as commercial activity.

My question is how do we update the PARTICIPATING GROUPS info? I would
like to change the mailing address and modify the group name. Should
this be done with an e-mail to our overloaded programer(s)?

Keep up the good work, fellows!

Steve Draper N5SD
Weir, KS
sdraper@ckt.net

127. Looking good

From: "Richard F. Garcia" <n2czf@magg.net>
Date: Fri, 28 Feb 1997 18:22:32 -0500
To: <regional_freq@tapr.org>
Message-ID: <199702282325.SAA24758@grumpy.magg.net>
Rendered body type: text/plain

Just took another look at the database and it looks great, many thanks to
Steve for the java work and locally to FADCA for jumping in and
participating in the project!

Rich Garcia N2CZF
Jupiter Farms Florida
n2czf@magg.net
http://www.magg.net/~n2czf/aprs.html
http://www.magg.net/~n2czf/index.html

128. Re: [REGIONAL_FREQ:283] Printouts

From: Carl Estey <cestey@millcomm.com>
Date: Fri, 28 Feb 97 22:50 CST
To: regional_freq@tapr.org
Message-ID: <1.5.4.16.19970301043806.23573362@millcomm.com>
Rendered body type: text/plain

Steve -

Re-registering is probably the easiest way. Be sure in the remarks area to
indicate you are re-registering.

Carl - WA0CQG

```
------------------------
At 05:03 PM 2/28/97 -0600, you wrote:
>I have a simple solution for those that wish a full printout of the
>listings, print sideways or in the landscape mode. Both my printers
>support this.
>
>For those that don't want to put out the money for EXCEL there is a
>cheaper solution also. Wal-Mart is selling XL SPREADSHEET by ThinkTank
>for $5.00. I found mine in the bargain bin for $2.50. This only works
>with version 4.0 files. It will not read or save in tab delimited text.
>Now if someone can come up with a conversion program that changes .xls
>to the proper .txt, we would be set. Hope this remark is not considered
>as commercial activity.
>
>My question is how do we update the PARTICIPATING GROUPS info? I would
>like to change the mailing address and modify the group name. Should
>this be done with an e-mail to our overloaded programer(s)?
>
>Keep up the good work, fellows!
>
>Steve Draper N5SD
>Weir, KS
>sdraper@ckt.net
>
>
>
```

March 1997

Original source file: regional_freq.9703
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-03/REGIONAL_FREQ_1997-03.txt

1. NADSD West Virginia

From: Bill and Susan Davidson <n8jxo@access.mountain.net>
Date: Sat, 01 Mar 1997 16:17:49 -0500
To: regional_freq@tapr.org
Message-ID: <33189CFD.1C0D@access.mountain.net>
Rendered body type: text/plain

To: TAPR NADSD Team

As per your instructions NADSD 1 Feb 1997 from Carl Estey, WA0CQG, I
have tried to log onto the TAPR FTP server, but receive the following
msg.

```
----------------------
BSDI BSD/OS 2.1 Kernel #3: Mon Apr  8 13:01:02 CDT 1996

Sorry but this user account does not have shell access
----------------------
```

I can connect using the WEB with the same login and password so am not
sure what the problem is.

There are two files (Plain Text) that I need removed from this area so I
can get this listing corrected.

Basicly I need to start over. Any help in this matter will be greatly
appreciated.

This thing is starting to look very good, keep up the good work, it is
appreciated
.

Bill Davidson, N8JXO
Wood County, WV RACES
Davisville, West Virginia
n8jxo@access.mountain.net

---

2. Work in progress

From: w6go@netcom.com (Jay O'Brien - W6GO)
Date: Sat, 1 Mar 1997 15:37:49 -0800 (PST)
To: regional_freq@tapr.org (tapr_freq_coord !)
Message-ID: <199703012337.PAA17810@netcom6.netcom.com>
Rendered body type: text/plain

Not a complaint, but something incomplete (now) in NADSD:

In the print version the following fields do not print:
Notes, Network Type, Software

In the web page the following fields do not print:
Network type, Software

73, Jay
    w6go@netcom.com

---

3. Uploads

From: dmeredith@phx-az.ampr.org
Date: Sun, 02 Mar 97 18:23:19 MST
To: regional_freq@tapr.org
Message-ID: <2549@phx-az.ampr.org>
Rendered body type: text/plain

I know this has been answered before and my appolgies for asking...
How often does the update take place? I uploaded the new Arizona records
and have not seen an update yet...and Yep, I'm clicking reload on my
browser...

Thanks...

Daniel

---

4. Upload help

From: "Ken Oliver" <knoliver@tcd.net>
Date: Sun, 2 Mar 1997 20:47:27 -0700
To: <regional_freq@tapr.org>
Message-ID: <199703030346.UAA15268@tcd.net>
Rendered body type: text/plain

Anyone using internet Explorer? I need some help to upload
file to NADSD. I do have proper login and password. I must
be overlooking something. 73 Ken

5. Re: [REGIONAL_FREQ:288] Uploads

From: Carl Estey <cestey@millcomm.com>
Date: Mon, 3 Mar 97 08:48 CST
To: regional_freq@tapr.org
Message-ID: <1.5.4.16.19970303143648.478730c2@millcomm.com>
Rendered body type: text/plain

Daniel -

Allow a couple of hours after uploading to see the effect of your work. It
is not immediate.

Carl - WA0CQG
=----------------------------
At 07:25 PM 3/2/97 -0600, you wrote:
>I know this has been answered before and my appolgies for asking...
>How often does the update take place? I uploaded the new Arizona records
>and have not seen an update yet...and Yep, I'm clicking reload on my
>browser...
>
>Thanks...
>
>Daniel
>
>
>

6. Check Data Program

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 6 Mar 1997 01:51:23 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03007817af4427794003@[208.134.134.40]>
Rendered body type: text/plain

I just ran the first test of the Check Input Data Program. Everyone that
is submitting data should receive one or more e-mail messages for each data
file.

The test program checks just a few of the fields based on the current DATA
FORMAT of the NADSD. We have added X1J and some other network types that
were suggested.

Look forward to hearing what everyone got.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

7. NADSD data checking

From: w1eo@w1eo.ampr.org ("DoC" Dave Willard)
Date: Thu, 06 Mar 97 13:41:05 UTC
To: regional_freq%tapr.org@switch.woonri
Message-ID: <20395@w1eo.ampr.org>
Rendered body type: text/plain

I would like to suggest that the APRS entry for System Type be expanded
to <APRS digi> and <APRS gateway> since from a users viewpoint there is
a great difference in service.

What is the appropriate entry for Network Type when the System Type is
DX Cluster? I see no appropriate entry unless its <...>!

What is the appropriate entry in ANY field if unknown? Blank, space or <?>?

73 DoC, W1EO

8. NADSD data check

From: w1eo@w1eo.ampr.org ("DoC" Dave Willard)
Date: Thu, 06 Mar 97 14:21:22 UTC
To: regional_freq%tapr.org@switch.woonri
Message-ID: <20396@w1eo.ampr.org>
Rendered body type: text/plain

On second thought, I guess the gate/digi information for APRS stations
better fits in the NOTES field. I withdraw my suggestion about changing
the SYSTEM TYPE definitions.

73 DoC

9. Re: [REGIONAL_FREQ:272] Re: By Popular Demand

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 6 Mar 1997 17:45:37 -0600
To: regional_freq@tapr.org
Message-ID: <v03007806af4504160ff4@[208.134.134.40]>
Rendered body type: text/plain

>Wonderful!! My Browser loves the new format.
>
>Greg now has something that loads instantly and that I can print. And,
>I did print the California record, just to prove I could and to see how
>my inputs track with the others. The California record took 26 pages
>and it took over an hour and a half to print on my LaserJet II. Gawd,
>how I **love** Windows.

Thanks.

>I have some suggestions.
>
>1. The Sponsor field is not wide enough. Example, Oakhurst, 145.77.
>   "Charles Allessi, W6IEG" is the data, and it is printed as follows:
>   "Charles Allessi, W". The Sponsor field is shared with the
>   Organization field and notes. It looks like there is always a
>   blank line between the Organization field and the Notes field.
>   I suggest that IF there is a comma in the Sponsor field, which
>   in my example indicates a callsign follows, that the callsign be
>   placed on the next line. The Organization would be the next line,
>   followed by notes on the next line.

I'll work on this in the coming week or two. I'll also add the field
lengths to the HOWTO page that has the data format.

>2. Now that the display is in non-proportional font format, I suggest
>   that the maximum number of characters or other limitations be
>   detailed for each field in the database.

See above.

>3. Now that "Network type" is meaningful, I suggest that "PC/TNC" be
>   added to the acceptable entries to allow the L2 only WA8DED code
>   originally provided with the PacketCluster software to be designated.
>   A large portion of PacketCluster nodes run BPQ switches as TSRs
>   replacing PC/TNC, and they would be so indicated. I also suggest
>   that "X1J" be allowed as a network type. I find many such entries
>   across the states' databases and as it is enough different from the
>   original "TheNet", I suggest that "X1J" be sanctioned. The same with
>   "KA" for KA-Node (ugh).

Check the data format. Those have been added. Someone asked about APRS.
Maybe it should be APRS as a System Type and then DIGI or GATEWAY whatever
as a NETWORK type ? Should we add GATEWAY and DIGI under NETWORK types ?

>   Now that I see how the new format looks (great!), I am going to
>   update my "Network type" field to reflect "BPQ" for most of our
>   PacketCluster Nodes, "PC/TNC" for the two that haven't converted,
>   and "X1J" for most of our user access Network nodes (but a very
>   small number of TheNet and KA nodes).

I saw where some folks wanted to add the rev of X1J along with the name.
That probably should be kept in notes ?

>4. I suggest that users be allowed to pull data from the database based
>   on several different criteria, and then display the data and download

>   a straight ASCII file that could be printed off-line. The Selection
>   criteria should include the following examples:

As to the range selection (which I deleted opps) -- this is the purpose of
the map. Once we get some closure on people using tyhe correct types then
Steve will be able to limit map showings to those...to see what a node is,
just click on it and the data appears at the bottom.

I will be adding by freq, network, system types as web pages...so you can
view a state ranked by freq and the types of systems.

I felt the check page code was needed before adding further to the pages.

>5. I suggest that additional fields be made "required", after giving
>   the uploaders an opportunity to comment. For instance, Last update,
>   submitter email and submitter info should be required fields, in my
>   opinion.

As stated eariler, the committee will begin to ask for required fields
later in the process...maybe by summer. Let's give everyone time to get
their check data back and then make changes to their data.

>6. I suggest that the "n/p" entered for "not provided" (I guess) be
>   dropped for the situations when "Organization" is not included. It
>   really cheapens the display and printout, in my opinion.

Okay. What do others think ?

>7. I suggest that the "Submitter email" field be added in the same
>   column as "Submitter and last updated" as a third line. This will
>   give "lookee-loos" someone to send email to if they have a question.

I'll look at it.

>8. I suggest that the Location column be changed to show "Geographic
>   Area" first, then "County" then "Location". This would start with
>   the widest area and narrow down to the specific location.

Comments from the group ?

I like to think small to large, this approach is large to small.

>9. I suggest that the User parameters column be changed to show the
>   "System type" first, then "Network type", "Software used", "Speed",
>   "IP Address" and "FQDN" as these are likely to be the order of
>   criteria used by a user to select a packet node of some type.

Comments from the group ?

They are currently displayed as I thought they made sense.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

10. Is this broken?

From: w1eo@w1eo.ampr.org ("DoC" Dave Willard)
Date: Mon, 10 Mar 97 14:21:33 UTC
To: regional_freq%tapr.org@switch.woonri
Message-ID: <20409@w1eo.ampr.org>
Rendered body type: text/plain

I have received no SIG msgs for days now. Alos I have not had any responses
to my request for guidance for entries to be used for fields for which
we have no knowledge. Should they be left blank or should a '?' or space
be inserted?
73 DoC

11. Re: [REGIONAL_FREQ:295] Is this broken?

From: George Kent <grkent@bigfoot.com>
Date: Mon, 10 Mar 1997 09:56:55 -0500

To: regional_freq@tapr.org
Message-ID: <01IGC0HCC03K96WJIR@InfoAve.Net>
Rendered body type: text/plain

On Mon, 10 Mar 1997 08:26:43 -0600 (CST)
w1eo@w1eo.ampr.org ("DoC" Dave Willard) wrote:

> I have received no SIG msgs for days now. Alos I have not had any responses
> to my request for guidance for entries to be used for fields for which
> we have no knowledge. Should they be left blank or should a '?' or space
> be inserted?
> 73 DoC
>

Doc, I have left mine blank, and it seems to work fine.
Yes, the message activity is slow but believe it was just the weekend.
People are starting to get outside.

George Kent
Lancaster, SC
KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
grkent@bigfoot.com

12. working!

From: w1eo@w1eo.ampr.org ("DoC" Dave Willard)
Date: Mon, 10 Mar 97 16:31:06 UTC
To: regional_freq%tapr.org@switch.woonri
Message-ID: <20410@w1eo.ampr.org>
Rendered body type: text/plain

>Doc, I have left mine blank, and it seems to work fine.
>Yes, the message activity is slow but believe it was just the weekend.
>People are starting to get outside.
>
>
>George Kent
>Lancaster, SC
>KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
>grkent@bigfoot.com

Thanks George. I was leaving mine blank also but the format check run
recently sent me a set of messages indicating that "" was wrong. Thats
why I asked.
And maybe in SC folks see spring but We just had a 3 inch heavy snow
storm up here in New England <grin>.
73 DoC sysop@w1on.ma.usa.noam

13. Re: [REGIONAL_FREQ:297] working!

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 10 Mar 1997 11:11:07 -0600
To: regional_freq@tapr.org
Message-ID: <v0300781daf49f0aa1ede@[208.134.134.40]>
Rendered body type: text/plain

Hi Doc.

The ? will also appear with a WARNING in the current code I have written.
I did not take into account that some of the SYSTEM types will not have
NETWORK type field entires. That will be corrected the next time it is run.

You shouldn't use ? in the fields, becuase they will show up in the web
page and probably look strange to someone looking at your data.

Now -- if a NETWORK or SYSTEM field is blank then the system will give a
WARNING. The purpose of the WARNINGs right now is to try to get the data
matching the format closer so that Steve can get the mapping functions to
relate to those fields.

Next on the list will be checking the LAT/LON fields for formatting.

Cheers - Greg

>>Doc, I have left mine blank, and it seems to work fine.
>>Yes, the message activity is slow but believe it was just the weekend.
>>People are starting to get outside.
>>
>>

>>George Kent
>>Lancaster, SC
>>KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
>>grkent@bigfoot.com
>
>Thanks George. I was leaving mine blank also but the format check run
>recently sent me a set of messages indicating that "" was wrong. Thats
>why I asked.
>And maybe in SC folks see spring but We just had a 3 inch heavy snow
>storm up here in New England <grin>.
>73 DoC sysop@w1on.ma.usa.noam

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

14. Opps

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 10 Mar 1997 12:00:03 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0300782faf49fc72e440@[208.134.134.40]>
Rendered body type: text/plain

Just caught a bug in the generation code....thanks to Frank at TPRS for the
clue.

The Network Field wasn't being output.

Looks a lot better now.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

15. Re: [REGIONAL_FREQ:295] REGIONAL_FREQ digest 96

From: Chuck Gessner <kc3et@diamond.nb.net>
Date: Tue, 11 Mar 1997 00:11:02 -0500
To: regional_freq@tapr.org
Message-ID: <3324E966.25A8@nb.net>
Rendered body type: text/plain

regional_freq@tapr.org wrote:
>
>   REGIONAL_FREQ Digest 96
>
> Topics covered in this issue include:
>
>   1) Is this broken?
>   by w1eo@w1eo.ampr.org ("DoC" Dave Willard)
>
> --
>
> Date: Mon, 10 Mar 97 14:21:33 UTC
> From: w1eo@w1eo.ampr.org ("DoC" Dave Willard)
> To: regional_freq%tapr.org@switch.woonri
> Subject: Is this broken?
> Message-ID: <20409@w1eo.ampr.org>
>
> I have received no SIG msgs for days now. Alos I have not had any responses
> to my request for guidance for entries to be used for fields for which
> we have no knowledge. Should they be left blank or should a '?' or space
> be inserted?
> 73 DoC
>
> ------------------------------
>
> End of REGIONAL_FREQ Digest 96
> ******************************
Hi Doc, etal.
To answer your question about filling in the necessary fields, I

simply added three periods (ie. ...) to fill in the entries that
did not have information in before. This all came about when I
received a message from the Tapr server last weekend showing that
certain fileds, such as SYSTEM TYPE and NETWORK TYPE, generated an
error message because I had no information in those fields. SO, I
retyped the document for my area in W.Pa. and added those three
periods in each of those fields that apparently required it. So far
I have not received another Tapr server message yet, although I think
that server runs once a week. I am looking forward to seeing if any
more messages will be generated by that server informing me of my
errors. Hi Hi.
73 de Chuck KC3ET

16. Blank Fields

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 10 Mar 1997 23:37:26 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03007804af4a9e84a7b6@[208.134.134.40]>
Rendered body type: text/plain

Please note -- as explained in the message at the top of the first check
program output -- expect things to change with respect to the check
program. I was wanting input back from everyone about how it worked -- and
all the mail I got was positive in nature.

The check program is not running automatically currently. I am running it
by hand now. I figure to run it again sometime before the end of the week.
I figure additional time is required between runnings to help everyone get
their data corrected. As the data warning rates decline we should be able
to automate. The question then becomes -- do you want weekly or monthly ?

The first program -- opps -- didn't take into account that certain types of
SYSTEM types don't have NETWORK fields entires. Thus BBS, DX CLUSTER,
APRS, DIGITIAL RPT, DIGI can have a blank NETWORK field. Right ?

So, don't use ??? or ... or other items. NETWORK TYPE can be blank and
should be blank for certain entires.

I am updating the checking code to take this into account so that it does
not report a BLANK NETWORK type field upon the SYSTEM types above.

Now, if you added ???? or ... and the program runs next time -- the system
will probably inform you that the NETWORK field contains an invalid entry,
since ??? or ... are not covered in e definition of that field.

Overall, from what Carl and myself can see from the data thus far the first
run of the check program really helped the input of data. Sorry about the
little issue here, but deleting a pattern like ??? or ... shouldn't be a
big issue for most software programs.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

17. Re: [REGIONAL_FREQ:301] Blank Fields

From: Steve Dimse <sdimse@bridge.net>
Date: Tue, 11 Mar 97 02:55:09 -0500
To: <regional_freq@tapr.org>
Message-ID: <199703110755.CAA08398@newworld.bridge.net>
Rendered body type: text/plain

>The check program is not running automatically currently. I am running it
>by hand now. I figure to run it again sometime before the end of the week.
>I figure additional time is required between runnings to help everyone get
>their data corrected. As the data warning rates decline we should be able
>to automate. The question then becomes -- do you want weekly or monthly ?
>
I'd say even more often...new data should be checked sooner. Is there a
way to check only newly uploaded data? This could run several times a
day, with a global check of the entire data base once a week. This way
you wouldn't get bombed with email if you can't fix data immediately, but
you will know if something you've entered is wrong right away.

Steve K4HG

18. Re: [REGIONAL_FREQ:301] Blank Fields

From: George Kent <grkent@bigfoot.com>
Date: Tue, 11 Mar 1997 09:00:25 -0500
To: regional_freq@tapr.org
Message-ID: <01IGDCSPY3X893PK2R@InfoAve.Net>
Rendered body type: text/plain

> The check program is not running automatically currently. I am running it
> by hand now. I figure to run it again sometime before the end of the week.
> I figure additional time is required between runnings to help everyone get
> their data corrected. As the data warning rates decline we should be able
> to automate. The question then becomes -- do you want weekly or monthly ?
>

In my case a weekly check is fine for now and as the error rate declines
once a month would work fine.

George Kent
Lancaster, SC
KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
grkent@bigfoot.com

19. Re: Blank Fields

From: "Frank R. Aguilar" <faguilar@ICSI.Net>
Date: Tue, 11 Mar 1997 08:58:37 -0600
To: regional_freq@tapr.org
Message-ID: <3325731D.740E@icsi.net>
Rendered body type: text/plain

> The check program is not running automatically currently. I am running it
> by hand now. I figure to run it again sometime before the end of the week.
> I figure additional time is required between runnings to help everyone get
> their data corrected. As the data warning rates decline we should be able
> to automate. The question then becomes -- do you want weekly or monthly ?
>

Once a week would be fine for me, however it would be nice if we could trigger a run ourselves say by
the
presence of a particular file in the upload subdirectory for example. That way, if we make a lot of
changes,
we won't have to wait for the weekly (or whatever time interval) run.

Frank Aguilar N5SSH
faguilar@icsi.net
TPRS

20. Re: [REGIONAL_FREQ:304] Re: Blank Fields

From: w1eo@w1eo.ampr.org ("DoC" Dave Willard)
Date: Tue, 11 Mar 97 17:03:28 UTC
To: regional_freq@tapr.org
Message-ID: <20424@w1eo.ampr.org>
Rendered body type: text/plain

In message <3325731D.740E@icsi.net> you write:
> > The check program is not running automatically currently. I am running it
> > by hand now. I figure to run it again sometime before the end of the week.
> > I figure additional time is required between runnings to help everyone get
> > their data corrected. As the data warning rates decline we should be able
> > to automate. The question then becomes -- do you want weekly or monthly ?
> >
>
> Once a week would be fine for me, however it would be nice if we could trigger a run ourselves say by
the
> presence of a particular file in the upload subdirectory for example. That way, if we make a lot of
changes,
> we won't have to wait for the weekly (or whatever time interval) run.
>
> Frank Aguilar N5SSH
> faguilar@icsi.net
> TPRS
>
>
Self trigger and once per week sound good to me.
73 DoC

21. Re: [REGIONAL_FREQ:302] Re: Blank Fields

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 11 Mar 1997 11:58:32 -0600
To: regional_freq@tapr.org
Message-ID: <v03007801af4b4cf550a6@[208.134.134.40]>
Rendered body type: text/plain

>>The check program is not running automatically currently. I am running it
>>by hand now. I figure to run it again sometime before the end of the week.
>>I figure additional time is required between runnings to help everyone get
>>their data corrected. As the data warning rates decline we should be able
>>to automate. The question then becomes -- do you want weekly or monthly ?
>>
>I'd say even more often...new data should be checked sooner. Is there a
>way to check only newly uploaded data? This could run several times a
>day, with a global check of the entire data base once a week. This way
>you wouldn't get bombed with email if you can't fix data immediately, but
>you will know if something you've entered is wrong right away.
>

Actually it is just a change to the exitsing program based on day offset
when the data file is first opened. I just haven't turned that part of the
program on yet.

The goal will be to run the program nightly looking for the date offset
being 1 (current day) and then generate a report and then run weekly or
monthly on the entire thing reminding folks what hasn't been fixed.

I guess I could run it every 3 hours like the creation of the system and
look for an hour offset, but wanted to keep it simply.

Just working into all this slowly.

Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

22. Re: [REGIONAL_FREQ:304] Re: Blank Fields

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 11 Mar 1997 12:21:14 -0600
To: regional_freq@tapr.org
Message-ID: <v03007808af4b52c7af05@[208.134.134.40]>
Rendered body type: text/plain

Now that is a very good concept Frank. Let me put that on the list for how
to do it automatcially based on submitter request.

Greg

>> The check program is not running automatically currently. I am running it
>> by hand now. I figure to run it again sometime before the end of the week.
>> I figure additional time is required between runnings to help everyone get
>> their data corrected. As the data warning rates decline we should be able
>> to automate. The question then becomes -- do you want weekly or monthly ?
>>
>
>Once a week would be fine for me, however it would be nice if we could
>trigger a run ourselves say by the
>presence of a particular file in the upload subdirectory for example.
>That way, if we make a lot of changes,
>we won't have to wait for the weekly (or whatever time interval) run.
>
>Frank Aguilar N5SSH
>faguilar@icsi.net
>TPRS

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

23. Update on Checkpages Program

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 11 Mar 1997 15:58:39 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03007818af4b81e4c3ad@[208.134.134.40]>
Rendered body type: text/plain

Okay -- here is what I have implemented for the check program as of this
aftenoons break...

1. The check program now runs every hour, 5 mins past.

If it sees a file that has changed in the last hour it then generates a
report for that file only and e-mails it to the submission group. I could
set this for every 30 mins if you want or set it for every 3 hour or any
time period that would be handy.

Thus, if you upload an update -- at 5mins past the hour the system will
send you e-mail about the updated file.

2. When we are ready, I will set the check program to run once weekly to
all groups informing them on their data accuracy.

Eventually, I will add some text to the weekly message that indicates when
the file was last updated in number of days.

3. I have changed the checking code so that it does the following on the
SYSTEM and NETWORK fields.

@system_type = ('NODE','BBS','DX CLUSTER','APRS','DIGITAL
RPT','DIGI','SWITCH');

If the SYSTEM field is blank it tells you:
         "WARNING: System Field ' __is blank__'";
If the SYETEM field is not a type defined above then it prints:
        "WARNING: System Field contains an invalid type: '$systype'";

@network_type =
('ROSE','NETROM','THENET','BPQ','TCP/IP','APPLETALK','X1J','PC/TNC','TEXNET','FL
EXNET','KANODE');

If the SYSTEM field is equal to NODE or SWITCH and the Network field is blank:
        "WARNING: Network Field for System Type '$systype' __is blank__";

If the SYSTEM field is equal to NODE or SWITCH and Network field is not a
type defined above then it prints:
        "WARNING: Network Field contains an invalid type: '$netype'";

If the SYSTEM field is not NODE or SWTICH and the Network contains
something it says:
        "CHECK: Network type defined as '$netype' when it might be blank
for System '$systype'";

Have fun!

Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

24. Hourly Check Program

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 11 Mar 1997 16:39:06 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0300781baf4b8f67f12f@[208.134.134.40]>
Rendered body type: text/plain

When someone updates their file and gets the message from the system, let
me know if it worked okay.

Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

25. Delete File

From: "Stephen C. Draper N5SD" <sdraper@ckt.net>
Date: Tue, 11 Mar 1997 18:48:06 +0000
To: regional_freq@tapr.org
Message-ID: <3325A8E6.1E7A@ckt.net>
Rendered body type: text/plain

How do we delete files from our directory? I assume I could just upload
an empty file to that name but that would not be neat.

Steve Draper, N5SD
sdraper@ckt.net

26. software field request

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Tue, 11 Mar 97 19:37:30 CST
To: regional_freq@tapr.org
Message-ID: <335625@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

Hello Greg (and the list),

How about instead of JNOS, some flexibility with " xNOS "
so that " x " could be J, T, F, or what ever other flavors
of NOS in use. JNOS and TNOS are probably the most popular,
but there are others. Is there a way to program the field
to accept other letters for the " x "?

+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

27. Re: [REGIONAL_FREQ:311] software field request

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 11 Mar 1997 19:53:48 -0600
To: regional_freq@tapr.org
Message-ID: <v03007829af4bbcba9a64@[208.134.134.40]>
Rendered body type: text/plain

You pretty much put what you like in the software field. Since software
changes so frequently. SYSTEM types shouldn't need to be changed very
often. NETWORK types will probably be added from time to time.

The Software field's purpose is to help show the difference between BBS, DX
CLuster, and other systems that are software based, but do the same thing
with different programs.

Cheers - Greg

>Hello Greg (and the list),
>
>How about instead of JNOS, some flexibility with " xNOS "
>so that " x " could be J, T, F, or what ever other flavors
>of NOS in use. JNOS and TNOS are probably the most popular,
>but there are others. Is there a way to program the field
>to accept other letters for the " x "?
>
>+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
> 73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
> WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
>+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd

---

28. Re: [REGIONAL_FREQ:312] Re: software field request

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Tue, 11 Mar 97 20:20:56 CST
To: regional_freq@tapr.org
Message-ID: <335642@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

OK on "anything" in SOFTWARE field. I just wondered cause the
guide says "item P / software used / Enter the terms specified...

```
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
```

29. Re: [REGIONAL_FREQ:313] Re: software field request

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 11 Mar 1997 20:35:38 -0600
To: regional_freq@tapr.org
Message-ID: <v0300782aaf4bc6b6f38d@[208.134.134.40]>
Rendered body type: text/plain

Yes, those are suggestions. If you have others...like the one you listed,
we can certainly add them.

We plan on looking over the field entires in the next month or so after we
get some other things narrowed down and see what people are using and then
list all those.

Until the field is 'checked' then there is no checking.

LAT/LON format is next on the list.

Greg

```
>OK on "anything" in SOFTWARE field.  I just wondered cause the
>guide says "item P / software used / Enter the terms specified...
>
>+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
>  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
>  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
>+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
```

```
-----
Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----
```

30. Re: [REGIONAL_FREQ:312] Re: software field request

From: w6go@netcom.com (Jay O'Brien - W6GO)
Date: Tue, 11 Mar 1997 21:54:29 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <199703120554.VAA19925@netcom4.netcom.com>
Rendered body type: text/plain

```
>
> You pretty much put what you like in the software field.  Since software
> changes so frequently.  SYSTEM types shouldn't need to be changed very
> often.  NETWORK types will probably be added from time to time.
```

Does this mean I can put in Pclus or PacketCluster rather than "AK1A"?

73, Jay
    w6go@netcom.com

31. Re: [REGIONAL_FREQ:315] Re: software field request

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 12 Mar 1997 00:39:28 -0600
To: regional_freq@tapr.org
Message-ID: <v03007838af4bff183621@[208.134.134.40]>
Rendered body type: text/plain

Yes.

Are those names of software packages used by DX Clusters ?

If you are using AK1A, you should use that...I know that some people are
using UNIX based system and others some other software. You best know what
the name of your software is. Unlike NETWORK and SYSTEM fields, I don't see
the mapping software mapping system names any time soon, so the exact
requirement for a specific field defintion for software is not as urgent as
NETWORK or SYSTEM fields.

The concept of the Software field is to get a feel of what people are
using, plus when accessing a system functionality will depend on the
software being used.

In addition, there are always interesting questions to be answered on just
what is the best supported software in various systems and the like.

Greg

>>
>> You pretty much put what you like in the software field. Since software
>> changes so frequently. SYSTEM types shouldn't need to be changed very
>> often. NETWORK types will probably be added from time to time.
>
>
>Does this mean I can put in Pclus or PacketCluster rather than "AK1A"?
>
>73, Jay
>   w6go@netcom.com

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

32. Weekly Check

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 13 Mar 1997 12:10:59 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03007874af4df285acba@[208.134.134.40]>
Rendered body type: text/plain

I just ran the weekly check.

The number of WARNINGS the system generated this week as compared to last
week dropped by half. Good work everyone!

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

33. Entering Data-My Experiences

From: Chuck Gessner <kc3et@diamond.nb.net>
Date: Thu, 13 Mar 1997 13:38:39 -0500
To: "regional_freq@tapr.org" <regional_freq@tapr.org>
Message-ID: <332849AF.3867@nb.net>
Rendered body type: text/plain

Hi.
Well, I stuck my big foot in it last week. I stated that I had entered
into the NETWORK filed three periods. Well, I have since found out that
was not the proper way to do this when I didn't have an acceptable
entry in that field. My problem had to do with entering KA Nodes into
that field. Finally, I saw in one of the 'regional freq' messages that
the proper syntax was 'KANODE'. So, I re-entered it and now I have no
more errors in my file for W. Pennsylvania. The new checker system
that Greg WD5IVD has sure helped me a lot. Now, I am hoping that the
next round of checking on the LAT and LON fields, when that starts,
will find no errors in my file. Funny thing, I have had several
requests from folks in Central Pennsylvania to enter their information

into the NADSD. While I am supposed to be doing only W.Pa, I did enter
their information, as well as some inforomation for parts of
N.W.Virgina, and parts of E.Ohio. While I don't mind doing that, I
think that it would behove those who live in those areas to have someone
get on the band wagon and start getting this information entered into
the NADSD system.
Well, I have said my piece. So far, I think that this system is great.
I enjoy working with everyone involved.

73 de Chuck KC3ET

34. Data Scanning

From: Julian <JHiggs@compuserve.com>
Date: Sat, 15 Mar 1997 09:04:25 -0500
To: "INTERNET:regional_freq@tapr.org" <regional_freq@tapr.org>
Message-ID: <199703150904_MC2-129C-8403@compuserve.com>
Rendered body type: text/plain

once every few weeks automatically, automatically when
new datafile is uploaded, and/or user triggerable is Ok by
me.

Project looks Great !!!

Julian/ke4jno
jhiggs@compuserve.com

35. GATEWAY - Network or System?

From: "Stan Vandiver" <w4sv@thor.pla-net.net>
Date: Tue, 18 Mar 1997 17:31:19 -0600
To: regional_freq@tapr.org
Message-ID: <9703182331.AB07276@thor.pla-net.net>
Rendered body type: text/plain

Hi All,

GATEWAY and KANODE are a couple of new additions to the Network types
on the NADSD.

My personal thoughts are that GATEWAY should perhaps be a System type
instead, served by a TCP/IP Network. My view is that gateways are sort of
'super-systems'... with the capabilities of BBS, node, switch, and more!

Their scope is certainly much more than just a transport medium, IMHO.
Yet, even NODE and SWITCH qualifies as System types... with the particular
flavor (BPQ, ROSE, THENET, etc) being the expression of the Network type.

Comments?

73 de Stan/W4SV

36. Re: GATEWAY ?

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Tue, 18 Mar 97 22:46:26 CST
To: regional_freq@tapr.org
Message-ID: <339625@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

On Tue, 18 Mar 97 Stan Vandiver <w4sv@thor.pla-net.net> wrote this:

>GATEWAY and KANODE are a couple of new additions to the Network types
>on the NADSD.
>
>My personal thoughts are that GATEWAY should perhaps be a System type
>instead, served by a TCP/IP Network. My view is that gateways are sort of
>'super-systems'... with the capabilities of BBS, node, switch, and more!
>
>Their scope is certainly much more than just a transport medium, IMHO.
>Yet, even NODE and SWITCH qualifies as System types... with the particular
>flavor (BPQ, ROSE, THENET, etc) being the expression of the Network type.
>

I think of a "GATEWAY" as a portal through which one can pass to where
you normally would not be able to go. For example, SATgate, RFgate, or
INETgate (Internet gateway). Sort of "beam me up, Scotty".... I don't
know where to put it! Perhaps it is more than a SYSTEM or NETWORK !!!

+ -- +

```
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
```

37. Re: [REGIONAL_FREQ:321] Re: GATEWAY ?

From: Burt Lang <burt@rocler.qc.ca>
Date: Wed, 19 Mar 1997 02:53:55 +0000
To: regional_freq@tapr.org
Message-ID: <332F5543.AAE@rocler.qc.ca>
Rendered body type: text/plain

Jim Ketcham wrote:
>
> On Tue, 18 Mar 97 Stan Vandiver <w4sv@thor.pla-net.net> wrote this:
>
> >GATEWAY and KANODE are a couple of new additions to the Network types
> >on the NADSD.
> >
> >My personal thoughts are that GATEWAY should perhaps be a System type
> >instead, served by a TCP/IP Network. My view is that gateways are sort of
> >'super-systems'... with the capabilities of BBS, node, switch, and more!
> >
> >Their scope is certainly much more than just a transport medium, IMHO.
> >Yet, even NODE and SWITCH qualifies as System types... with the particular
> >flavor (BPQ, ROSE, THENET, etc) being the expression of the Network type.
> >
>
> I think of a "GATEWAY" as a portal through which one can pass to where
> you normally would not be able to go. For example, SATgate, RFgate, or
> INETgate (Internet gateway). Sort of "beam me up, Scotty".... I don't
> know where to put it! Perhaps it is more than a SYSTEM or NETWORK !!!
>
> + -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
>   73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
>   WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
> + -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

A GATEWAY by definition is a system connecting two networks that have
different protocols (or sometimes just different parameters). To limit
gateways to TCP/IP Radio <> wireline networks is to show a very limited
mindset. Gateways can vary widely from the Internet gateways that you
are thinking of to TheNET<>ROSE, Packet<>xTOR, packet<>DOS computer, etc
etc. They are very much a distinct system type, more distinct than some
of the other allowed system entries. I don't see any other option but
to put them in System Type.

Burt VE2BMQ

38. Re: [REGIONAL_FREQ:322] Re: GATEWAY ?

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 19 Mar 1997 05:26:22 -0600
To: regional_freq@tapr.org
Message-ID: <v0302071caf557888c96a@[208.134.134.40]>
Rendered body type: text/plain

>Jim Ketcham wrote:
>>
>A GATEWAY by definition is a system connecting two networks that have
>different protocols (or sometimes just different parameters). To limit
>gateways to TCP/IP Radio <> wireline networks is to show a very limited
>mindset. Gateways can vary widely from the Internet gateways that you
>are thinking of to TheNET<>ROSE, Packet<>xTOR, packet<>DOS computer, etc
>etc. They are very much a distinct system type, more distinct than some
>of the other allowed system entries. I don't see any other option but
>to put them in System Type.
>

It seems that for gateways and systems that have multiple functions that we
can not have just one entry in the database solve the issue for showing
what a system represents functionally or is accessed by the user. To
really show a system correctly, systems need to have an entry for each
function. We need to list each function of a system as an entry in the
database and then indicate in the notes section that the system is a
gateway. Thus, a system that has two functions (i.e. local access and
backbone access has two entries with a note that points to relationship).
Having something called GATEWAY in either the NETWORK or SYSTEM fields
doesn't really solve anything.

A rare example might be a SWITCH that is running NOS and supporting NETROM,
TCP/IP, has two user ports for a BBS, and has access to a backbone. That
would result in five entries in the database.

Entry 1 could be BBS (Port 1)
Entry 2 could be BBS (Port 2)
Entry 3 could be NODE, NETROM
Entry 4 could be NODE, TCP/IP (Backbone -- no user access)
Entry 5 could be NODE, TCP/IP (user port)

In this way, the node is shown in the listing representing not a one to one
relationship based on hardware but the number of things that the hardware
does. A functional listing, which allows the user to see possibilities of
access when looking for something.

Drop Entries 1 through 3 and you have the listings for a two port node or
whatever.

Since I would hope that we are already showing multiple entires for systems
that have different freqs support and access (user or backbones), then we
should be showing systems that have multple functional support as well the
same way.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

39. Re: [REGIONAL_FREQ:323] Re: GATEWAY ?

From: hutin@sugar-land.anadrill.slb.com (Remi Hutin)
Date: Wed, 19 Mar 1997 07:20:39 -0600
To: regional_freq@tapr.org
Cc: hutin@sugar-land.anadrill.slb.com
Message-ID: <3.0.1.32.19970319072039.00a499e8@pop2.sugar-land.omnes.net>
Rendered body type: text/plain

At 05:34 AM 3/19/97 -0600, you wrote:
>>Jim Ketcham wrote:
>>>
>>A GATEWAY by definition is a system connecting two networks that have
>>different protocols (or sometimes just different parameters). To limit
>>gateways to TCP/IP Radio <> wireline networks is to show a very limited
>>mindset. Gateways can vary widely from the Internet gateways that you
>>are thinking of to TheNET<>ROSE, Packet<>xTOR, packet<>DOS computer, etc
>>etc. They are very much a distinct system type, more distinct than some
>>of the other allowed system entries. I don't see any other option but
>>to put them in System Type.
>>
>
>It seems that for gateways and systems that have multiple functions that we
>can not have just one entry in the database solve the issue for showing
>what a system represents functionally or is accessed by the user. To
>really show a system correctly, systems need to have an entry for each
>function. We need to list each function of a system as an entry in the
>database and then indicate in the notes section that the system is a
>gateway. Thus, a system that has two functions (i.e. local access and
>backbone access has two entries with a note that points to relationship).
>Having something called GATEWAY in either the NETWORK or SYSTEM fields
>doesn't really solve anything.
>
>A rare example might be a SWITCH that is running NOS and supporting NETROM,
>TCP/IP, has two user ports for a BBS, and has access to a backbone. That
>would result in five entries in the database.

With Linux we are going to very complex systems. I am setting up a system
under Linux with AX25,NETROM,TCP/IP and ROSE (also FLEXNET is available)
routing with 5 users/network frequencies, a backbone access and an Internet
Link. At the application level it will support a BBS, a DXC and in the
future a satgat. Both BBS and DXC are directly accessible from any network
protocole. I'll probably have above 20 entries for the system.

>
>Entry 1 could be BBS (Port 1)
>Entry 2 could be BBS (Port 2)
>Entry 3 could be NODE, NETROM

>Entry 4 could be NODE, TCP/IP (Backbone -- no user access)
>Entry 5 could be NODE, TCP/IP (user port)
>
>In this way, the node is shown in the listing representing not a one to one
>relationship based on hardware but the number of things that the hardware
>does. A functional listing, which allows the user to see possibilities of
>access when looking for something.
>
>Drop Entries 1 through 3 and you have the listings for a two port node or
>whatever.
>
>Since I would hope that we are already showing multiple entires for systems
>that have different freqs support and access (user or backbones), then we
>should be showing systems that have multple functional support as well the
>same way.
>
>Cheers - Greg
>
>-----
>Greg Jones, WD5IVD
>Austin, Texas
>wd5ivd@tapr.org
>http://www.tapr.org/~wd5ivd
>-----
>
>
A comment on the NETWORK field:
NETROM should be used for either BPQ,THENET,KNET,....
BPQ or THENET,.. should appear in the software FIELD

73 Remi W5/F6CNB
>

40. Re: [REGIONAL_FREQ:324] Re: GATEWAY ?

From: "Frank R.Aguilar" <faguilar@ICSI.Net>
Date: Wed, 19 Mar 1997 08:26:10 -0600
To: <regional_freq@tapr.org>
Message-ID: <199703191427.IAA13515@warhol.ICSI.Net>
Rendered body type: text/plain

> With Linux we are going to very complex systems. I am setting up a system
> under Linux with AX25,NETROM,TCP/IP and ROSE (also FLEXNET is available)
> routing with 5 users/network frequencies, a backbone access and an
Internet
> Link. At the application level it will support a BBS, a DXC and in the
> future a satgat. Both BBS and DXC are directly accessible from any
network
> protocole. I'll probably have above 20 entries for the system.
>
> 73 Remi W5/F6CNB

Here's a very good example of a site with multiple points of access. This
brings to mind a question I've been thinking about for a while now. On the
database submissions, there are allowances at the end of the structure
for multiple frequencies other than the "main". If I'm not mistaken, if
any
of those frequencies are to be listed, then the node would have to be
entered
as many times as there are frequencies. In my submission, I've got some
entries which are represented just that way as well as others which just
have
the additional frequencies at the end of the structure. I could have my
software generate an additional entry for those records with the
appropriate
frequency and really "bloat" the number of records. And what of those
frequencies whose access to the same site utilizes a different alias? As
an
example I could have my BPQ node allows for my 145.01 port to have one
alias
and my 144.60 port to have another, but its still the same site. I've made
allowances for this in the database I have but would like to show that as
well
when I run my translate utility to convert it over to the NADSD format.

Just a few thoughts, open for comments....

Frank Aguilar <faguilar@icsi.net>
N5SSH

41. IWAYS and HIWAYS

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Wed, 19 Mar 1997 10:24:34 -0500 (EST)
To: regional_freq@tapr.org
Cc: aprssig@tapr.org
Message-ID: <Pine.GSO.3.95.970319101931.1818F-100000@arctic>
Rendered body type: text/plain

I have not been following closely, but we need a TERM for internet
gateways both in the general digital database sense, and as a MAP symbol
for APRS. A possiblity might be "IWAYS" or "HIWAYS" (compared to GATEWAYS
which in my opinion should be reserved for band-to-band processes)

I get tired of having to type INTERNET GATEWAYS. An IWAY might be nice...

Just .02 cents worth

See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

42. Re: [REGIONAL_FREQ:324] Re: GATEWAY ?

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 19 Mar 1997 10:15:07 -0600
To: regional_freq@tapr.org
Message-ID: <v03020722af55c11fdcb4@[208.134.134.40]>
Rendered body type: text/plain

>A comment on the NETWORK field:
>NETROM should be used for either BPQ,THENET,KNET,....
>BPQ or THENET,.. should appear in the software FIELD

Now -- this is an interesting comment.

We drop BPQ, THENET, X1J, KNET from the network field and say that NETROM
is the NETWORK TYPE and those are software implementations. Very true
Remi. good point.

Comments ?

Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

43. APRS data and SA4/Win95

From: "BH" <BHildebrand@worldnet.att.net>
Date: Wed, 19 Mar 1997 08:32:42 -0800
To: <regional_freq@tapr.org>
Message-ID: <19970319163207.AAA23023@486>
Rendered body type: text/plain

Just to let you know what the status of my SA4/Win95 demo program is.

>Minimum set. You should receive and handle all APRS incomming packets.
>THis meaans

>   1) Plot all positions (you are doing this)
Does that.

>   2) Save all packets starting with a >DDHHMM to a "STATUS page" Saving
>   only the latest copy from each station
I notice that not all "Status" packets appear to start with >DDHHMM. Here
is an example:
KC6VVT>APRS,WIDE,WIDE*/1:@030435zPat SDG SEC Chula Vista, kc6vvt@amsat.org

>   3) Save all MESSAGES to a TRAFFIC page. These are all packets
>   that have a ":" in the 10th position preceeded with a callsign
>   (padded with spaces to 9 characters). Confirm that the 7th, 8th
>   and 9th are either "   " or "-n " or "-nn"
Does that.

>   4) Save all MESSAGES as above that are addressed to BLNx to a BULLETINS
>   page

Does that.
>   5) Respond to packets with ?APRS? with your current position randomly
>   over the next 2 minutes
Doesn't do that, but not hard.

>   6) Respond to packetw with ?APRS? LAT,LONG,RANGE if you are within that
>   range of that point immediately
Ditto #5.

   7) In addition to sending your position periodcally, allow the person
      to enter a single STATUS line. THis line is transmitted with a
      >DDHHMM time stamp at the start of the line. (time it was entered)
Ditto #5.
>   The above would be about 90% of a full up APRS station..

I do have a page that shows the raw data from the TNC and an entry line
where data can be sent to the TNC.

BH, kH2Z

44. Re: [REGIONAL_FREQ:325] Re: GATEWAY ?

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 19 Mar 1997 10:37:24 -0600
To: regional_freq@tapr.org
Message-ID: <v03020723af55c57ae30b@[208.134.134.40]>
Rendered body type: text/plain

>Here's a very good example of a site with multiple points of access. This
>brings to mind a question I've been thinking about for a while now. On the
>database submissions, there are allowances at the end of the structure
>for multiple frequencies other than the "main". If I'm not mistaken, if
>any
>of those frequencies are to be listed, then the node would have to be
>entered
>as many times as there are frequencies. In my submission, I've got some
>entries which are represented just that way as well as others which just
>have
>the additional frequencies at the end of the structure. I could have my
>software generate an additional entry for those records with the
>appropriate
>frequency and really "bloat" the number of records. And what of those
>frequencies whose access to the same site utilizes a different alias? As
>an
>example I could have my BPQ node allows for my 145.01 port to have one
>alias
>and my 144.60 port to have another, but its still the same site. I've made
>allowances for this in the database I have but would like to show that as
>well
>when I run my translate utility to convert it over to the NADSD format.
>
>Just a few thoughts, open for comments....

Frank.

Well that is what the NADSD software will eventually do, when I turn the
extra freq lists on. I haven't yet, so I just collect the extra data out
there and don't dop anything with it yet.

The NADSD system will generate the same entry with a different freq listing
for the information listed. That was all I had in mind.

Maybe the NADSD software shouldn't do it, but the submitter should control
all that so that they have complete control and we leave the multiple
repeating columns at the end available for showing links between systems
within the same database later on ?

The question becomes are we showing functional relationships in the system
(which I think the direction should be) or just showing

In addition, if we don't show a system for each freq, when I get the code
turned on to generate the by Freq, by band, etc pages, then systems will
not show up correctly on those two pages if only one freq is listed.

The same goes when the pages for NETWORK and SYSTEM type get generated for
each state, then if a system doesn't have an extry for each function it
does, it will not show up on some of these additional sorted and searched
listing pages.

More food for thought.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

45. Re: [REGIONAL_FREQ:326] IWAYS and HIWAYS

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 19 Mar 1997 10:49:58 -0600
To: regional_freq@tapr.org
Message-ID: <v03020729af55c939c4a7@[208.134.134.40]>
Rendered body type: text/plain

Hi Bob.

IWAYS = Internet Gateway

what would the H stand for ? Ham ?

The icon situation is still in flux on Steve's stuff. We are looking at a revamp on the interface once I get time to generate the output files differently. Steve and myself talked on the phone about a week ago concerning the restructure. The current master file is getting to large to handle...so we need to crop it down a little and make it more dynamic.

Cheers - Greg

>I have not been following closely, but we need a TERM for internet
>gateways both in the general digital database sense, and as a MAP symbol
>for APRS. A possiblity might be "IWAYS" or "HIWAYS" (compared to GATEWAYS
>which in my opinion should be reserved for band-to-band processes)
>
>I get tired of having to type INTERNET GATEWAYS. An IWAY might be nice...
>
>Just .02 cents worth
>
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

46. Re: GATEWAY ?

From: "Frank R. Aguilar" <faguilar@ICSI.Net>
Date: Wed, 19 Mar 1997 11:17:35 -0600
To: regional_freq@tapr.org
Message-ID: <33301FAF.5F3F@icsi.net>
Rendered body type: text/plain

I'll have to agree with Remi. Sounds about where it ought to be.

N5SSH

Greg Jones, WD5IVD wrote:
>
> >A comment on the NETWORK field:
> >NETROM should be used for either BPQ,THENET,KNET,....
> >BPQ or THENET,.. should appear in the software FIELD
>
> Now -- this is an interesting comment.
>
> We drop BPQ, THENET, X1J, KNET from the network field and say that NETROM
> is the NETWORK TYPE and those are software implementations. Very true
> Remi. good point.
>

> Comments ?
>
> Greg
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----

47. Network Field

From: Jeff Reinhardt <jreinh@ix2.ix.netcom.com>
Date: Wed, 19 Mar 1997 10:44:41 -0800
To: regional_freq@tapr.org
Message-ID: <33303419.35C4@popd.ix.netcom.com>
Rendered body type: text/plain

Just to add something to the mix...it could be argued that MSYS is
also a network type, given that it does indeed network and handle
multi-port connections and switches. My first submission ran afoul
by listing MSYS as such...given that our area has several MSYS BBS
operations and nodes (with seperate "node" names and calls).

The benefit to the person who accesses the data from the lookup is that
each of these systems operates somewhat differently. Those familiar
with MSYS, BPQ or THENET/NETROM will appreciate the difference
between C1 NODE and C 1 NODE.

So with regard to the string about boling it down to one type - it would
make OUR jobs as coordinators easier, but does it serve the purpose
of providing quality (highly accurate) info to the database user, who is
our "client"? I'd rather err on the side of precision. Looking forward
to the thoughts of others in this matter.

73....Jeff AA6JR

48. Re: gateways

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Wed, 19 Mar 97 14:07:45 CST
To: regional_freq@tapr.org
Message-ID: <339973@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

On Wed, 19 Mar Bob Bruninga wrote:

> I have not been following closely, but we need a TERM for internet
> gateways both in the general digital database sense, and as a MAP symbol
> for APRS. A possiblity might be "IWAYS" or "HIWAYS" (compared to GATEWAYS
> which in my opinion should be reserved for band-to-band processes)
>
> I get tired of having to type INTERNET GATEWAYS. An IWAY might be nice...
>

I thought SATgate and maybe even HFgate were already accepted terms.
Looks like Igate would be more consistant. ie doing something besides
simply changing freqs on VHF/UHF and going for a short hop.
- - - SATgate - - HFgate - - Igate - - -

+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

49. Re: [REGIONAL_FREQ:326] IWAYS and HIWAYS

From: Byron Smith <wa6ylb@theworks.com>
Date: Wed, 19 Mar 1997 17:44:48 -0800
To: regional_freq@tapr.org, regional_freq@tapr.org
Message-ID: <3.0.1.16.19970319174448.2cd759da@theworks.com>
Rendered body type: text/plain

How about WORM HOLE or apple with worm?

At 09:28 AM 3/19/97 -0600, Bob Bruninga wrote:
>I have not been following closely, but we need a TERM for internet
>gateways both in the general digital database sense, and as a MAP symbol
>for APRS. A possiblity might be "IWAYS" or "HIWAYS" (compared to GATEWAYS
>which in my opinion should be reserved for band-to-band processes)

>
>I get tired of having to type INTERNET GATEWAYS. An IWAY might be nice...
>
>Just .02 cents worth
>
>See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
>GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html
>
>

Byron Smith
wa6ylb@theworks.com
wa6ylb@wa6ylb.#cca.ca.usa.noam

... If a stealth bomber crashes in a forest, will it make a sound?

50. Re: Network Field

From: "Stephen C. Draper N5SD" <sdraper@ckt.net>
Date: Wed, 19 Mar 1997 20:03:54 +0000
To: regional_freq@tapr.org
Message-ID: <33304639.420B@ckt.net>
Rendered body type: text/plain

> We drop BPQ, THENET, X1J, KNET from the network field and say that NETROM
> is the NETWORK TYPE and those are software implementations. Very true
> Remi. good point.

I agree with Remi also. They speak the same language to each other
therefore
they are in the same NETWORK TYPE. Let the SOFTWARE be the dialect if
necessary. That way a quick glance at the listings in the NETWORK column
would show you what would work together. Sounds much easier for a user
to
read.

Under the GATEWAY question, how would a dual port KaNode fit in that has
Netrom nodes on one side and Texnet on the other?

73,
Steve N5SD

51. re: [REGIONAL_FREQ:323] Re: GATEWAY ?

From: Daniel Meredith <dmeredith@phx-az.ampr.org>
Date: Wed, 19 Mar 1997 21:37:12 -0800
To: regional_freq@tapr.org
Message-ID: <BMSMTP8588360190dmeredith@phx-az.ampr.org>
Rendered body type: text/plain

> From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>, on 3/19/97 7:45 AM:
> >Jim Ketcham wrote:
> >>
> >A GATEWAY by definition is a system connecting two networks that have
> >different protocols (or sometimes just different parameters). To limit
> >gateways to TCP/IP Radio <> wireline networks is to show a very limited
> >mindset. Gateways can vary widely from the Internet gateways that you
> >are thinking of to TheNET<>ROSE, Packet<>xTOR, packet<>DOS computer, etc
> >etc. They are very much a distinct system type, more distinct than some
> >of the other allowed system entries. I don't see any other option but
> >to put them in System Type.
> >
>
> It seems that for gateways and systems that have multiple functions that we
> can not have just one entry in the database solve the issue for showing
> what a system represents functionally or is accessed by the user. To
> really show a system correctly, systems need to have an entry for each
> function. We need to list each function of a system as an entry in the
> database and then indicate in the notes section that the system is a
> gateway. Thus, a system that has two functions (i.e. local access and
> backbone access has two entries with a note that points to relationship).
> Having something called GATEWAY in either the NETWORK or SYSTEM fields
> doesn't really solve anything.
>
> A rare example might be a SWITCH that is running NOS and supporting NETROM,
> TCP/IP, has two user ports for a BBS, and has access to a backbone. That
> would result in five entries in the database.
>
> Entry 1 could be BBS (Port 1)

> Entry 2 could be BBS (Port 2)
> Entry 3 could be NODE, NETROM
> Entry 4 could be NODE, TCP/IP (Backbone -- no user access)
> Entry 5 could be NODE, TCP/IP (user port)
>
> In this way, the node is shown in the listing representing not a one to one
> relationship based on hardware but the number of things that the hardware
> does. A functional listing, which allows the user to see possibilities of
> access when looking for something.
>
> Drop Entries 1 through 3 and you have the listings for a two port node or
> whatever.
>
> Since I would hope that we are already showing multiple entires for systems
> that have different freqs support and access (user or backbones), then we
> should be showing systems that have multple functional support as well the
> same way.
>
> Cheers - Greg
>
> -----
> Greg Jones, WD5IVD

I agree with what Greg is saying here and to that extent, we have several items
that are similar to that of what is caried on the standard repeater listings,
while they don't concur with what TAPR is requesting, this is what we happen
to have and what was submitted, although it generates an error...We show things
such as the system being open whether it is a switch or bbs, a link, if it has
emergency power etc etc....Take a look at the Arizona Listing and you'll see
what I'm talking about...One thing we do not do and won't for a mere pain in
administration is keep track of whether or not it is netrom/x1j/thenet/kanode
etc...In fact we only coordinate actual Node systems and backbone radios,
switches and various other staple radios in our radio community...We actually
perform coordination just as repeaters and it has worked very well here in
Arizona in terms of keeping nearly everyone happy..

Daniel

"It's Nice To Be Important, But It's Important To Be Nice."
Telecom Resources - http://www.stat.com/catch22/tcom
Personal Homepage - http://www.stat.com/catch22

52. re: [REGIONAL_FREQ:327] Re: GATEWAY ?

From: Daniel Meredith <dmeredith@phx-az.ampr.org>
Date: Wed, 19 Mar 1997 21:38:02 -0800
To: regional_freq@tapr.org
Message-ID: <BMSMTP8588362682dmeredith@phx-az.ampr.org>
Rendered body type: text/plain

See my previous message, I would be fine with this one...

> From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>, on 3/19/97 9:29 AM:
> >A comment on the NETWORK field:
> >NETROM should be used for either BPQ,THENET,KNET,....
> >BPQ or THENET,.. should appear in the software FIELD
>
> Now -- this is an interesting comment.
>
> We drop BPQ, THENET, X1J, KNET from the network field and say that NETROM
> is the NETWORK TYPE and those are software implementations. Very true
> Remi. good point.
>
> Comments ?
>
> Greg
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>
>
>
>
>

"It's Nice To Be Important, But It's Important To Be Nice."
Telecom Resources - http://www.stat.com/catch22/tcom
Personal Homepage - http://www.stat.com/catch22
[Attachment: ATTRIBS.BND; application/octet-stream; 2,033 bytes]

53. Re: [REGIONAL_FREQ:336] Re: GATEWAY ?

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 19 Mar 1997 22:46:08 -0600
To: regional_freq@tapr.org
Message-ID: <v03020738af5671544fd3@[208.134.134.40]>
Rendered body type: text/plain

>I agree with what Greg is saying here and to that extent, we have several
>items
>that are similar to that of what is caried on the standard repeater listings,
>while they don't concur with what TAPR is requesting, this is what we happen
>to have and what was submitted, although it generates an error...We show
>things
>such as the system being open whether it is a switch or bbs, a link, if
>it has
>emergency power etc etc....Take a look at the Arizona Listing and you'll see
>what I'm talking about...One thing we do not do and won't for a mere pain in
>administration is keep track of whether or not it is netrom/x1j/thenet/kanode
>etc...In fact we only coordinate actual Node systems and backbone radios,
>switches and various other staple radios in our radio community...We actually
>perform coordination just as repeaters and it has worked very well here in
>Arizona in terms of keeping nearly everyone happy..
>
>Daniel

Dan,

shouldn't the information about Emergency power and the like be in the
notes section ?

Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

54. re: [REGIONAL_FREQ:338] Re: GATEWAY ?

From: Daniel Meredith <dmeredith@phx-az.ampr.org>
Date: Wed, 19 Mar 1997 22:30:42 -0800
To: regional_freq@tapr.org
Message-ID: <BMSMTP8588393940dmeredith@phx-az.ampr.org>
Rendered body type: text/plain

Not in our case as we use the notes section for internal notes and they are not
published to the public..So in this case, I actually deleted them before
sending them for the web page...We consider them administrative notes...

> From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>, on 3/19/97 10:27 PM:
> >I agree with what Greg is saying here and to that extent, we have several
> >items
> >that are similar to that of what is caried on the standard repeater
listings,
> >while they don't concur with what TAPR is requesting, this is what we
happen
> >to have and what was submitted, although it generates an error...We show
> >things
> >such as the system being open whether it is a switch or bbs, a link, if
> >it has
> >emergency power etc etc....Take a look at the Arizona Listing and you'll
see
> >what I'm talking about...One thing we do not do and won't for a mere pain
in
> >administration is keep track of whether or not it is
netrom/x1j/thenet/kanode
> >etc...In fact we only coordinate actual Node systems and backbone radios,
> >switches and various other staple radios in our radio community...We
actually
> >perform coordination just as repeaters and it has worked very well here in

> >Arizona in terms of keeping nearly everyone happy..
> >
> >Daniel
>
> Dan,
>
> shouldn't the information about Emergency power and the like be in the
> notes section ?
>
>
> Greg
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>
>
>
>
>

"It's Nice To Be Important, But It's Important To Be Nice."
Telecom Resources - http://www.stat.com/catch22/tcom
Personal Homepage - http://www.stat.com/catch22
[Attachment: ATTRIBS.BND; application/octet-stream; 2,978 bytes]

55. NADSD Icon

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 20 Mar 1997 12:28:43 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03020755af5731a58d30@[208.134.134.40]>
Rendered body type: text/plain

Don't forget.....

For those who have requested an icon to link to the NADSD from your web
pages, there are now two images available to use. The images are:
http://www.tapr.org/directory/nadsdm1.jpeg and
http://www.tapr.org/directory/nadsdm2.jpeg Persons wishing to acquire the
images can access them with their web browser and then save them to disk to
be used on their web pages.

I see that some are using it now on their pages -- great! and many others
not having a link yet. Get those links up -- help your members find the
NADSD site.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

56. RE: [REGIONAL_FREQ:329] Re: GATEWAY ?

From: "Fortney, James T." <FortneyJ@ix.netcom.com>
Date: Thu, 20 Mar 97 22:39:57 PST
To: regional_freq@tapr.org
Message-ID: <Chameleon.4.01.3B.970320224246.fortneyj@tok-ca8-54.ix.netcom.com>
Rendered body type: text/plain

Greg said:

>The NADSD system will generate the same entry with a different freq listing
>for the information listed. That was all I had in mind.
>
>Maybe the NADSD software shouldn't do it, but the submitter should control
>all that so that they have complete control and we leave the multiple
>repeating columns at the end available for showing links between systems
>within the same database later on ?

I believe this is the preferred solution.

- JimF K6IYK

```
James T. Fortney
E-mail:   FortneyJ@ix.netcom.com
    or:   Jim@Fortney.com
Voice:    805.491.3916 or 1.500.FORTNEY
AX.25:    K6IYK@K6IYK.#SCA.CA.USA.NOAM
MARSAMTS: AAA9CS@AT9TCS.AMARS.DOD
FAX:      805.491.0319
Snail:    P.O. Box 3419
          Camarillo, CA  93011-3419
-------------------------------------
```

57. TAPR Board Election -- Don't forget to vote!

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Sun, 23 Mar 1997 14:05:32 -0600
To: "APRS SIG  list   mailing"<aprssig@tapr.org>,
        " DSP-93 Build "<dsp-93@tapr.org>,
        "HF SIG  list   mailing"<hfsig@tapr.org>,
        "NETSIG  list   mailing"<netsig@tapr.org>,
        "BBS SIG  list   mailing"<bbssig@tapr.org>,
        " TAPR/AMSAT DSP "<dsp@tapr.org>,
        "TAPR-BB  list   mailing"<tapr-bb@tapr.org>,
        TAPR Regional Freq <regional_freq@tapr.org>,
        " tapr-tnc "<tapr-tnc@tapr.org>, " Spread Spectrum "<ss@tapr.org>
Message-ID: <v03007814af5b3a76bea5@[208.134.134.40]>
Rendered body type: text/plain
```

```
TAPR Board of Directors Elections
---------------------------------

If you are a member of TAPR, don't forget to take the time to vote!

We have four people running for three places, so it could be your vote that
determines who is on the TAPR Board of Directors.

Deadline for balloting is March 30th, 1997.

This year, members of TAPR can vote either by mail in ballot or over the
Internet using the world wide web.  Check your PSR on how to submit your
vote via the web.

Don't lose your PSR, because you will need information contained on your
mail label.  If you have problems using the web system, contact Dorothy at
the office and we can look into the issue.

PSRs were mailed on March 5th, so all members should have them by now.  If
you have not received your PSR, call or send e-mail to the office and
request a ballot be sent or request the necessary information to allow you
to ballot using the on-line Web page.


**** DEADLINE March 30th! ****


-------------------------------------------------------------------------------
Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000
-------------------------------------------------------------------------------
e-mail: TAPR@TAPR.ORG  ftp: ftp.tapr.org   web: <http://www.tapr.org/>
-------------------------------------------------------------------------------
```

58. gps validation number

```
From: Jon Haskell <kb9cml@worldnet.att.net>
Date: Thu, 27 Mar 1997 17:19:30 -0800
To: regional_freq@tapr.org
Message-ID: <333B1CA2.53EE@worldnet.att.net>
Rendered body type: text/plain
```

```
Bob, I forget if I paid for a GPS validation or not. If I did, I have
lost the "secret decoder ring" number. Trying to get my HF mobile station
running for the drive to Belize.
Jon R. Haskell
14221 SHelborne Road
Westfield, IN 46074
317.873.0302

former address
10906 Lakeshore Drive West
Carmel, IN 46033
```

59. Did I miss your e-mail?

From: Carl Estey <cestey@millcomm.com>
Date: Sat, 29 Mar 1997 23:58:43 -0600 (CST)
To: regional_freq@tapr.org
Message-ID: <1.5.4.16.19970330054834.08cf6650@millcomm.com>
Rendered body type: text/plain

If you sent me e-mail during the period from Sunday evening (6 PM CST March 23, 1997) until 3 PM Saturday March 29th it is probably in the bit-bucket and I may never get them. If possible, please resend those mesaages.

Thanks!

Carl E
---

60. LAT/LON Checking

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 31 Mar 1997 17:38:10 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0302070daf65fa3e732b@[208.134.134.40]>
Rendered body type: text/plain

Several things are happening today and the rest of the week regarding LAT/LON information.

1. I have the check software updated so that it checks and gives feedback as to the LAT/LON information.

2. The generation program now also checks for the LAT/LON format and only outputs valid format for java mapping. LAT/LON is in the format of <degrees minutes>.<hundredths of minutes> (DDMM.HH). nnnn.n(n)(n) nnnnn.n(n)(n) are valid formats. See http://www.tapr.org/directory/how.html for more details.

3. There will be some changes this week and next to the mapping interface. The master file was getting to large to load easily and Steve requested that the information be broken down into states/regions so that javAPRS can determine what information to read in based on selection, instead of just loading in the one really large file. This should make load time and display easier for many.

I'll run the checkprogram shortly so everyone can see what needs to be corrected on the LAT/LON fields.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

61. E-mail address fills

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 31 Mar 1997 18:00:38 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0302070eaf65fe47662d@[208.134.134.40]>
Rendered body type: text/plain

Can you help me with the following e-mail errors the system have. I must have something entered or not updated correctly.

Let me know ---

----- The following addresses have delivery notifications -----
mackay@cycor.ca (unrecoverable error)

----- Transcript of session follows -----
550 n7tr@modx.org... Host unknown (Name server: modx.org: host not found)
File Processed: npcc.txt

----- Transcript of session follows -----
552 <ka9ren@juno.com>... Message is too large; 61440 bytes max
KA9REN is going to have to give a new address to get the information generated by the system.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

62. Re: [REGIONAL_FREQ:346] E-mail address fills

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Mon, 31 Mar 1997 21:14:23 -0400 (AST)
To: regional_freq@tapr.org
Message-ID: <199704010114.VAA25421@bud.peinet.pe.ca>
Rendered body type: text/plain

>Can you help me with the following e-mail errors the system have. I must
>have something entered or not updated correctly.
>
>Let me know ---
>
>   ----- The following addresses have delivery notifications -----
>mackay@cycor.ca (unrecoverable error)
>
>

Yes Greg there is a missing "r" character at the beginning. It showed up
somewhere before but I thought it was already corrected.
Thanks,
Ron

Ron Mackay   Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Box 188 Cornwall, PE   E-mail: rmackay@peinet.pe.ca
Canada   or   mackayr@charlottetown.cbc.ca

C0A 1H0   WWW: http://www.geocities.com/CapeCanaveral/7970

April 1997

Original source file: regional_freq.9704
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-04/REGIONAL_FREQ_1997-04.txt

1. Re: [REGIONAL_FREQ:346] E-mail address fills

From: Carl Estey <cestey@millcomm.com>
Date: Tue, 1 Apr 1997 06:09:54 -0600 (CST)
To: regional_freq@tapr.org
Message-ID: <1.5.4.16.19970401115958.2fcf8fca@millcomm.com>
Rendered body type: text/plain

At 06:00 PM 3/31/97 -0600, you wrote:
>Can you help me with the following e-mail errors the system have. I must
>have something entered or not updated correctly.
>
>Let me know ---
>
>   ----- The following addresses have delivery notifications -----
>mackay@cycor.ca (unrecoverable error)

mackay@bud.pelnet.pe.ca
>
>
>   ----- Transcript of session follows -----
>550 n7tr@modx.org... Host unknown (Name server: modx.org: host not found)
>File Processed: npcc.txt

n7tr@rnodx.org

>
>
>   ----- Transcript of session follows -----
>552 <ka9ren@juno.com>... Message is too large; 61440 bytes max
>KA9REN is going to have to give a new address to get the information
>generated by the system.
>
>
>
>Cheers - Greg
>
>-----
>Greg Jones, WD5IVD
>Austin, Texas
>wd5ivd@tapr.org
>http://www.tapr.org/~wd5ivd
>-----
>
>
>
>

2. Re: [REGIONAL_FREQ:346] E-mail address fills

From: John F Chaput <jfchaput@wwa.com>
Date: Tue, 1 Apr 1997 15:32:05 -0600 (CST)
To: regional_freq@tapr.org
Message-ID: <Pine.BSI.3.95.970401153000.12252B-100000@sashimi.wwa.com>
Rendered body type: text/plain

Hello Greg (WD5IVD)-

If ka9ren@juno.com will not work for you, I can also be emailed to
jfchaput@wwa.com just as well.

Hope this helps. 73 de John KA9REN

On Mon, 31 Mar 1997, Greg Jones, WD5IVD wrote:

> Can you help me with the following e-mail errors the system have. I must
> have something entered or not updated correctly.
>
> Let me know ---
>
>   ----- The following addresses have delivery notifications -----
> mackay@cycor.ca (unrecoverable error)
>

>
>   ----- Transcript of session follows -----
> 550 n7tr@modx.org... Host unknown (Name server: modx.org: host not found)
> File Processed: npcc.txt
>
>
>   ----- Transcript of session follows -----
> 552 <ka9ren@juno.com>... Message is too large; 61440 bytes max
> KA9REN is going to have to give a new address to get the information
> generated by the system.
>
>
>
> Cheers - Greg
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>
>
>

3. Lat/Lon Check

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 1 Apr 1997 15:57:22 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0300781aaf673503cfc0@[208.134.134.40]>
Rendered body type: text/plain

Did everyone get their latest check output with the LAT/LON info on it.

Did it work okay ? While I tested on several files, you never know what
will happen until the thing runs on all data sets.

Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

4. Re: [REGIONAL_FREQ:350] Lat/Lon Check

From: "Stephen C. Draper N5SD" <sdraper@ckt.net>
Date: Tue, 01 Apr 1997 17:29:15 +0000
To: regional_freq@tapr.org
Message-ID: <334145EB.598C@ckt.net>
Rendered body type: text/plain

Greg Jones, WD5IVD wrote:
>
> Did everyone get their latest check output with the LAT/LON info on it.
>
> Did it work okay ? While I tested on several files, you never know what
> will happen until the thing runs on all data sets.
>

I got error reports back on all my entries because they were to DDMM
only
and did not have any .HH hundredths of minutes entries.

73,
Steve N5SD

5. Re: [REGIONAL_FREQ:348] Re: E-mail address fills

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Tue, 1 Apr 1997 19:44:38 -0400 (AST)
To: regional_freq@tapr.org
Message-ID: <199704012344.TAA22272@bud.peinet.pe.ca>
Rendered body type: text/plain

>At 06:00 PM 3/31/97 -0600, you wrote:
>>Can you help me with the following e-mail errors the system have. I must
>>have something entered or not updated correctly.

>>
>>Let me know ---
>>
>>   ----- The following addresses have delivery notifications -----
>>mackay@cycor.ca (unrecoverable error)
>
>mackay@bud.pelnet.pe.ca

Hi Carl, as mentioned to Greg there is a missing "r" at the beginning of
that address.
Not sure how it happened but the correct address is   rmackay@cycor.ca

Note that the older version of rmackay@peinet.pe.ca (with or without bud) is
also valid.
(These ISP's keep buying each other out HI)
73 - Ron

6. Lat/Lon Errors

From: Steve Dimse <sdimse@bridge.net>
Date: Tue, 1 Apr 97 19:02:53 -0500
To: <regional_freq@tapr.org>
Message-ID: <199704020002.TAA00956@bridge.net>
Rendered body type: text/plain

>>
>>I got error reports back on all my entries because they were to DDMM
>>only
>>and did not have any .HH hundredths of minutes entries.
>>
I don't know if this reporting was done just off the top of the head
(quick and dirty) or if it was a deliberate attempt to obscure a
location. In case it was the later I'd just like to clarify the errors
involved, so people can pick values more appropriate to their needs.

A minute is about 60 miles, so the max error of only reporting the DDMM
is about 40 miles, far more than is needed for secrecy, and enough to
interfere with the use of the maps to obtain user info. Obviously, then,
reporting DDMM.H would be abt 4 mile max error, and DDMM.HH 0.4 miles.

As an avid APRS user, I have obvious come to grips with the fact that
others know my exact position most of the time, and it doesn't bother me.
I can understand why others might not be so comfortable.

Rather than just shaving off digits, I'd suggest finding a location that
describes the coverage...say the center of a nearby town, etc, and using
that exact location. In case you don't have access to a program that can
report lat/lon such as APRS, Street Atlas, etc, I'll be glad to give you
lat/lons for any city you need, just send me a list (zipcodes would be
easier for me, but town and state would be managable).

Steve K4HG
sdimse@bridge.net

7. Re: [REGIONAL_FREQ:353] Lat/Lon Errors

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Tue, 1 Apr 1997 21:05:26 -0400 (AST)
To: regional_freq@tapr.org
Message-ID: <199704020105.VAA05148@bud.peinet.pe.ca>
Rendered body type: text/plain

>>>
>>>I got error reports back on all my entries because they were to DDMM
>>>only
>>>and did not have any .HH hundredths of minutes entries.
>>>
>I don't know if this reporting was done just off the top of the head
>(quick and dirty) or if it was a deliberate attempt to obscure a
>location. In case it was the later I'd just like to clarify the errors
>involved, so people can pick values more appropriate to their needs.
>
>A minute is about 60 miles, so the max error of only reporting the DDMM
>is about 40 miles, far more than is needed for secrecy, and enough to
>interfere with the use of the maps to obtain user info. Obviously, then,
>reporting DDMM.H would be abt 4 mile max error, and DDMM.HH 0.4 miles.
>

Mmmm according to my map 1 Degree is approx 49 statute miles, and 1 minute
approx 0.8 miles. Therefore not including .HH would give a maximum error of
0.8 miles.

- Ron

8. Re: [REGIONAL_FREQ:354] Re: Lat/Lon Errors

From: Steve Dimse <sdimse@bridge.net>
Date: Tue, 1 Apr 97 21:00:30 -0500
To: <regional_freq@tapr.org>
Message-ID: <199704020200.VAA15455@bridge.net>
Rendered body type: text/plain

On 4/1/97 8:13 PM Ron VE1AIC (rmackay@cycor.ca) wrote:

>Mmmm according to my map 1 Degree is approx 49 statute miles, and 1 minute
>approx 0.8 miles. Therefore not including .HH would give a maximum error of
>0.8 miles.

Oops...don't suppose I'd get away with calling it April fools? Anyway,
correcting my units, one minute of latitude is always 1 nautical mile, or
1.154 statute mile, while the distance of one minute of longitude varies
with the latitude (from 1 nm at the equator to 0 at the poles). The max
error would be the square root of the sum of the errors in lat squared +
 lon squared, so for the US say 1.0 or 1.1 sm...

Anyway, the main point of my original post remains, that it is better to
pick a logical point than to just strip the digits off...

Steve K4HG

9. TCP vs. MAIL map icons

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Fri, 04 Apr 97 19:33:28 CST
To: regional_freq@tapr.org
Message-ID: <172173@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

I have entered over 25 Bulletin Board Systems (BBS) for Alabama.
They all have BBS in the "system type" field. However, the ones
that have TCP/IP in the "network type" field loose their MAIL
icon on the map and end up with a TCP icon instead.

If I select MAIL for the map display - then every entry that has
BBS in the "SYSTEM TYPE" should show on the map with a MAIL icon.

If I select TCP/IP for the map display - then the entries with
TCP/IP in the "NETWORK TYPE" field should show on the map with
the TCP icon.

+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

10. Re: [REGIONAL_FREQ:356] TCP vs. MAIL map icons

From: Steve Dimse <sdimse@bridge.net>
Date: Sat, 5 Apr 97 08:14:31 -0500
To: <regional_freq@tapr.org>
Message-ID: <199704051314.IAA26641@bridge.net>
Rendered body type: text/plain

On 4/4/97 8:38 PM Jim Ketcham (ka4afi@bbs.wd4roj.ampr.org) wrote:

>I have entered over 25 Bulletin Board Systems (BBS) for Alabama.
>They all have BBS in the "system type" field. However, the ones
>that have TCP/IP in the "network type" field loose their MAIL
>icon on the map and end up with a TCP icon instead.
>
>If I select MAIL for the map display - then every entry that has
>BBS in the "SYSTEM TYPE" should show on the map with a MAIL icon.
>
>If I select TCP/IP for the map display - then the entries with
>TCP/IP in the "NETWORK TYPE" field should show on the map with
>the TCP icon.
>
Right now, there is no division between the system type and network type
fields. This is a consequence of my early work on the database when there
was no "enforcement" of the field values, so I was basically testing for
everything including the kitchen sink; once it found a match it stopped
searching, so each listing could only have one category, and then menu
just searched for those icons that matched the choice. Now that the field

values have been paired down it should be possible to come up a more
concise set of tests.

If anyone knows where I can find a day with 48 hours I'll get it done
right away, otherwise may take a while...

Steve K4HG

11. "Band" now checked

From: Carl Estey <cestey@millcomm.com>
Date: Mon, 07 Apr 1997 17:28:59 -0500
To: REGIONAL_FREQ@tapr.org
Message-ID: <3.0.32.19970407172002.00931240@midas.millcomm.com>
Rendered body type: text/plain

To all NADSD data providers:

In order to drive the mapping software more efficiently, we must all use
the bands defined in the file specifications
(http://www.tapr.org/directory/how.html)

The only recognized bands entries should be:
'3.5','7','14','21','29','52','144','219','222','220','440','1200' [don't
enter the ' shown here]

The NADSD automatic file checker will generate a report to you of any
errors it discovers.

Thanks for your help in making the NADSD both accurate and complete!

73

Carl - WA0CQG
TAPR NADSD team focal point
----

12. uploading to NADSD

From: "Ken Oliver" <knoliver@tcd.net>
Date: Mon, 7 Apr 1997 19:57:14 -0600
To: <regional_freq@tapr.org>
Message-ID: <199704080257.UAA02927@tcd.net>
Rendered body type: text/plain

Has anyone had any luck uploading to NADSD via Internet Explorer???
I still have not found a way. Keep getting: Internet Explorer cannot open
the Internet site (.............). The server returned extended
information.
Can't believe noone uses Internet Explorer. If not, I might have to get
Netscape also.   Thanks and 73 de Ken in Utah.

13. Re: [REGIONAL_FREQ:359] uploading to NADSD

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 7 Apr 1997 22:22:38 -0500
To: regional_freq@tapr.org
Message-ID: <v0302095caf6f6a652643@[208.134.134.40]>
Rendered body type: text/plain

You might just want to download and use an FTP program, which will allow
more flexability.

Greg

>Has anyone had any luck uploading to NADSD via Internet Explorer???
>I still have not found a way. Keep getting: Internet Explorer cannot open
>the Internet site (.............). The server returned extended
>information.
>Can't believe noone uses Internet Explorer. If not, I might have to get
>Netscape also.   Thanks and 73 de Ken in Utah.

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

14. Re: [REGIONAL_FREQ:359] uploading to NADSD

From: "Sergio P. Korlowsky" <xe2xpk@nld.bravo.net>
Date: Tue, 08 Apr 1997 22:11:33 -0500
To: regional_freq@tapr.org
Message-ID: <334B08E5.65C0@nld.bravo.net>
Rendered body type: text/plain

Ken Oliver wrote:
>
> Has anyone had any luck uploading to NADSD via Internet Explorer???
> I still have not found a way. Keep getting: Internet Explorer cannot open
> the Internet site (..............). The server returned extended
> information.
> Can't believe noone uses Internet Explorer. If not, I might have to get
> Netscape also.   Thanks and 73 de Ken in Utah.

Dump MSIE and get Netscape, Standard or Gold... Anyway, there are lots
of problems with IE concerniing SECURITY!!!

Sergio P. Korlowsky:xe2xpk@tam.mex.na
mailto:xe2xpk@nld.bravo.net
http://207.48.46.152/aficion

15. Re: Help

From: W8EB@aol.com
Date: Wed, 9 Apr 1997 10:22:38 -0400 (EDT)
To: regional_freq@tapr.org
Message-ID: <970409102237_-1871415920@emout11.mail.aol.com>
Rendered body type: text/plain

I think I now, again, have the data ready for transfer but I have lost the
directions and the passwords I need to get the information to you folks.

I am sorry for this but I hope that for some of you this is quite easy to
understand and do, but for some of us this is not easy to understand or do
and because of that it is quite frustrating. I have seen some messages where
you have requested the person hold off on the vinegar, that is a nice way of
putting it, but I hope you understand that for those of us who try to do a
good job but who are not good at this transfer stuff, it is not fun feeling
or looking stupid.

Thank you for the anticipated help.

Bil W8EB

16. Re: [REGIONAL_FREQ:361] Re: uploading to NADSD

From: Burt Lang <burt@rocler.qc.ca>
Date: Wed, 09 Apr 1997 10:44:28 +0000
To: regional_freq@tapr.org
Message-ID: <334B730C.1957@rocler.qc.ca>
Rendered body type: text/plain

Sergio P. Korlowsky wrote:
>
> Ken Oliver wrote:
> >
> > Has anyone had any luck uploading to NADSD via Internet Explorer???
>
snip
>
> Dump MSIE and get Netscape, Standard or Gold... Anyway, there are lots
> of problems with IE concerniing SECURITY!!!
>
> Sergio P. Korlowsky:xe2xpk@tam.mex.na
>

Web Browsers are not very good at UPLOADING files. Best to get a real
FTP program like WS_FTP LE . It is freeware for personal use and works
like a charm ftping both ways as well as deleting files at the remote
host and checking directories etc.

Burt VE2BMQ>>>

17. Need "Groups" list maintainer

From: Carl Estey <cestey@millcomm.com>
Date: Thu, 10 Apr 1997 11:19:45 -0500
To: regional_freq@tapr.org
Message-ID: <3.0.32.19970410111914.00931440@midas.millcomm.com>
Rendered body type: text/plain

I need someone to "off-load" the task of doing occasional editing to the
file of "group participants".

This file is in HTML format and lists everyone who is providing data for
the NADSD. What is needed is someone to take the changes Greg or I will
send them and modify the file and then re-submit it to Greg to replace th
old one. Changes need to be done weekly (or sooner) but should take only
minutes to do. As it is, I let them pile up until I get to them - and that
delays new participants from being issued sub-directories. If you can
spare 5 - 20 minutes per week to help the NADSD, please let me know.

Carl - WA0CQG
NADSD Team focal point

18. Re: [REGIONAL_FREQ:364] Need "Groups" list maintainer

From: George Kent <grkent@bigfoot.com>
Date: Thu, 10 Apr 1997 19:01:15 -0500
To: regional_freq@tapr.org
Message-ID: <01IHJUI8LQ5C8WVYJN@DEV.InfoAve.Net>
Rendered body type: text/plain

Carl, I'm willing to help. I have the time and equipment.
Sock it to me!

George Kent
Lancaster, SC
KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
grkent@bigfoot.com
<http://web.infoave.net/~grkent>

On Thu, 10 Apr 1997 11:16:56 -0500 (CDT)
Carl Estey <cestey@millcomm.com> wrote:

> I need someone to "off-load" the task of doing occasional editing to the
> file of "group participants".
>
> This file is in HTML format and lists everyone who is providing data for
> the NADSD. What is needed is someone to take the changes Greg or I will
> send them and modify the file and then re-submit it to Greg to replace th
> old one. Changes need to be done weekly (or sooner) but should take only
> minutes to do. As it is, I let them pile up until I get to them - and that
> delays new participants from being issued sub-directories. If you can
> spare 5 - 20 minutes per week to help the NADSD, please let me know.
>
> Carl - WA0CQG
> NADSD Team focal point
>

19. General NADSD info

From: Carl Estey <cestey@millcomm.com>
Date: Mon, 14 Apr 1997 11:13:26 -0500
To: REGIONAL_FREQ@tapr.org
Message-ID: <3.0.32.19970414111255.0090c180@midas.millcomm.com>
Rendered body type: text/plain

There are a number of NADSD related things you should be aware of. Here's
a run-down of what is happening.

A small procedural change has been made to the NADSD file structure. The
BAND entry data for the NADSD has been changed to allow entry of the
following only:
'3.5','7','10','14','18','21','24','29','52','144','219','222','220','440','
1200'
(Do NOT include the ' shown here around the numbers).

Also, please make sure that Location, City, and County are in word capital
format. not all uppercase. (The City for example, should be entered as
Bloomington and NOT BLOOMINGTON.)

Frank Aguilar (faguilar@ICSI.Net) has joined the NADSD team to help
maintain the "participating groups" list. I have forwarded to Frank a list
of changes to this list and they will be made in the near future. I
welcome Frank's help in this area as he has talents with HTML that I do not
have and with his help we will be able to get new participants set up much
faster and the "groups page" should become much more current. Thanks for
offering Frank - and welcome.

A big thanks to the many who volunteered to help maintaining the "groups"

list. It it really exciting to see that kind of support for the NADSD project!

Eleven new participant accounts were set up by our database expert, Greg Jones WD5IVD over the weekend. This morning I sent e-mail instructions and their unique directory names to each. If you did not receive such a message and are not a current registered data provider for the NADSD - please let me know if you have previously registered. It is possible that we may have missed someone!

Several weeks ago I sent e-mail requests concerning our need for data providers to the ARRL Directors and Section Managers for those eleven States where we have no participants. A few directors and section managers did respond - and a few new States will be represented soon (like ND)! Thanks to everyone who has helped in this. Please help us locate data providers for those missing States.

There are over 30 people who have registered as NADSD data providers that have been issued passwords and unique file sub-directory names and have never uploaded any data. Many of these are from States we badly need. I will be sending a note via U.S. Mail within the week to try and contact these folks.

We are looking for someone to take over the Michigan list that has been created by Bil, W8EB. The list is in ARRL format but needs to become tab delimited and missing field like LAT/LON added. If you can help with this, please contact either Bil at W8EB@aol.com or send me a note.

Thanks to everyone for making the NADSD a BIG SUCCESS with now over 3,637 systems listed and 5,976 accesses since we started December 1st!

Best wishes,

Carl - WA0CQG
TAPR NADSD Team focal point

20. Finding Lat/Lon

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 14 Apr 1997 13:51:25 -0500
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03020901af782c6b64d9@[192.168.1.2]>
Rendered body type: text/plain

I know several of you have done Lat/Lon for cities until you can get closer position input from the node owner.

Could everyone (who has done this) write up a little description about doing this so we can include it in the FAQ, what Carl sends out to new people, and the How it works page.

I think there are several approaches, APRS, Internet database, books, etc. Just let me know how you have done it and I can collect them all and post them.

If there is an Internet source that I could somehow access via a request, then I could have the check program suggest a LAT/LON based off city name and state ???? Just thinking.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

21. Re: Finding Lat/Lon

From: "Stephen C. Draper N5SD" <sdraper@ckt.net>
Date: Mon, 14 Apr 1997 18:42:45 +0000
To: regional_freq@tapr.org
Message-ID: <33527AA5.AE0@ckt.net>
Rendered body type: text/plain

This location will give you 2 lookups at the same time:

http://www.indo.com/distance/

73,

Steve N5SD

22. Re: [REGIONAL_FREQ:367] Finding Lat/Lon

From: George Kent <grkent@bigfoot.com>
Date: Mon, 14 Apr 1997 23:13:05 -0500
To: regional_freq@tapr.org
Message-ID: <01IHPOGUECD28WVYK6@DEV.InfoAve.Net>
Rendered body type: text/plain

On Mon, 14 Apr 1997 13:54:21 -0500 (CDT)
"Greg Jones, WD5IVD" <wd5ivd@tapr.org> wrote:

> I know several of you have done Lat/Lon for cities until you can get closer
> position input from the node owner.
>
> Could everyone (who has done this) write up a little description about
> doing this so we can include it in the FAQ, what Carl sends out to new
> people, and the How it works page.

To find the lat/lon data for most of the SC data I used a Precision
Mapping CD-ROM. When you place the curser on a location the lat/lon is
shown on the screen. For sites that I am familiar with I zoomed the map
and got accurate data, for others I used the data from center of the
supplied city/town location.
I have found that when using the same lat/lon for multiple equipment
sites the Java map just stacks one info line on top of the other making
some unreadable. I was playing with the idea of slightly shifting the
locations so each line of info would show, but have not found time yet.

George Kent
Lancaster, SC
KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
grkent@bigfoot.com
Check out my web page <http://web.infoave.net/~grkent>

23. Re: [REGIONAL_FREQ:368] Re: Finding Lat/Lon

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 14 Apr 1997 23:19:07 -0500
To: regional_freq@tapr.org
Message-ID: <v0302090aaf78b1cfc3fe@[192.168.1.2]>
Rendered body type: text/plain

Cool. I just found telnet://martini.eecs.umich.edu:3000/ which does
exactly what I was looking for.

Just enter City, State and you get all the info you need until you have
more accurate information on nodes.
With some time to code, I can have the checkprogram generate a list of
LAT/LON based on cities that are missing the LAT/LON entry at the end of a
file -- that is if you all want that functionality.

or -- you can just do it by hand now. :-)

Greg

>This location will give you 2 lookups at the same time:
>
>http://www.indo.com/distance/
>
>73,
>Steve N5SD

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
---

24. Re: [REGIONAL_FREQ:370] Re: Finding Lat/Lon

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Tue, 15 Apr 97 07:59:28 CDT
To: regional_freq@tapr.org
Message-ID: <180082@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

Hi Greg,

Sounds good to me for the checkprogram to generate those lat/long
on the end of it. Might encourage everyone to go ahead and add
them to their respective uploads.

+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

25. Re: [REGIONAL_FREQ:370] Re: Finding Lat/Lon

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Tue, 15 Apr 1997 09:26:24 -0400 (EDT)
To: regional_freq@tapr.org
Message-ID: <Pine.GSO.3.95.970415092332.15594C-100000@arctic>
Rendered body type: text/plain

On Mon, 14 Apr 1997, Greg Jones, WD5IVD wrote:

> Just enter City, State and you get all the info you need until you have
> more accurate information on nodes.
> With some time to code, I can have the checkprogram generate a list of
> LAT/LON based on cities that are missing the LAT/LON entry at the end of a
> file -- that is if you all want that functionality.

APRSdos REPLY/COMMENT: The easiest way I know of to find LAT/LONG for
your digital asset is to run APRS. Use the MAPS-CHANGE command to select
your area of the country (EAS, WES, CEN, MID, SE, etc) and then zoom in to
your area. Move the cursor to where your node is located and read the
LAT/LONG coordinates shown...

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

26. Systems Updates

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Fri, 18 Apr 1997 15:55:17 -0500
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0302090baf7d8ff4c854@[208.134.134.40]>
Rendered body type: text/plain

The updated checkprogram now outputs suggested LAT/LON based on the city
field if your data doesn't have any LAT/LON information or if it is in the
incorrect format.

Here are two samples:

```
5      Fremont              CA  N6OXR-9
    CHECK: Network type 'KA-NODE' when it might be blank for System 'DX
    WARNING: Check LAT/LON values: '       ' / '       '
         *** Fremont, Yolo Co., CA, 3840.36N 12138.02W
         *** Fremont, San Bernardino Co., CA, 3511.30N 11734.33W
         *** Fremont, Alameda Co., CA, 3732.54N 12159.15W
         LAT/LON format <deg min>.<hundredths of minutes> (DDMM.HH).
         nnnn.n(n)(n) nnnnn.n(n)(n) are valid formats. See NADSD pages
         for more details.

1      Venice               FL  KD4UBZ
    WARNING: Setting City Field to Location Field
    WARNING: System Field ' __is blank__'
    WARNING: LAT/LON Fields ' __are blank__'
         *** Venice, Sarasota Co., FL, 2705.58N 08227.16W
         *** Venice Beach, Sarasota Co., FL, 2705.59N 08227.28W
         *** Venice East, Sarasota Co., FL, 2703.24N 08222.43W
         *** Venice Gardens, Sarasota Co., FL, 2704.22N 08224.28W
         *** Venice Groves, Sarasota Co., FL, 2703.09N 08224.17W
```

You should be able to use this information to select the correct city
location and use that LAT/LON in your database until you have a more
accurate location on the node within the next year.

In addition, I now check to see if your LAT/LON has a direction indication
afterwards. Thus, if you include it, it doesn't generate a Warning anymore.
We will still show that LAT/LON in the data def as not having a direction

indicator appended.

I'll be running the checkprogram in weekly mode shortly to generate
everyone a new check file along with suggested LAT/LON that can be used.

If you don't see a suggest coordinate for a city location, I would suggest
you telnet over to: telnet://martini.eecs.umich.edu:3000/ and check for
locations there.

The other changes has to do with the header links on the listing pages.
They have been changed to point to the new mapping system that Steve Dimse
has on-line. The link from each region listing page now takes you to the
map for the region. Steve's system breaks up the maps in regions (typically
the state with all surrounding regions). This allows javAPRS to load a lot
quicker. If you want to see the entire database, just use cgi call with
?us as the variable.

I would now say the NADSD system is fully operational. I don't think there
are any sections underconstruction (other than the examples page -- anyone
want to do that page).

As Carl has been stressing, he is now working fully on getting sections
included and data more accurate. I hope that this update to the
checkprogram helps with the later.

We still need to work on getting the Mexico page filled out. I had several
people promise to send me the 3-4 letter abbrv for the states in Mexico,
but never saw anything. As soon as we get those, I can add those into the
page as links.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

27. Lat/Lon Output

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 21 Apr 1997 17:26:44 -0500
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03020929af8199fcc1a6@[208.134.134.40]>
Rendered body type: text/plain

Never heard anything about the last checkprogram output. Did the Lat/Lon
information on the cities help ?

Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

28. Re: [REGIONAL_FREQ:374] REGIONAL_FREQ digest 122

From: Chuck Gessner <kc3et@diamond.nb.net>
Date: Mon, 21 Apr 1997 23:23:50 -0400
To: regional_freq@tapr.org
Message-ID: <335C2F46.66BA@nb.net>
Rendered body type: text/plain

regional_freq@tapr.org wrote:
>
>   REGIONAL_FREQ Digest 122
>
> Topics covered in this issue include:
>
>   1) Lat/Lon Output

> by "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
>
> --
>
> Date: Mon, 21 Apr 1997 17:26:44 -0500
> From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
> To: TAPR Regional Freq <regional_freq@tapr.org>
> Subject: Lat/Lon Output
> Message-ID: <v03020929af8199fcc1a6@[208.134.134.40]>
>
> Never heard anything about the last checkprogram output. Did the Lat/Lon
> information on the cities help ?
>
> Greg
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>
> ------------------------------
>
> End of REGIONAL_FREQ Digest 122
> ******************************
GE Greg.
Yes it did. I was especially interested in seeing the results on the
map. The previous APRS map didn't work very well. It does now. By
observing the positions of some of the systems in my list I discovered
that the Lat/Long info was incorrect. So I had to do some research.
I used one of those city look up servers as was mentioned to get better
information. So it did help. Keep up the good work.
73 de Chuck KC3ET

29. Re: [REGIONAL_FREQ:374] Lat/Lon Output

From: "Rex H. Ishmael" <rishmael@texhoma.net>
Date: Tue, 22 Apr 1997 06:45:56
To: regional_freq@tapr.org
Message-ID: <3.0.1.16.19970422064556.335f783c@texhoma.net>
Rendered body type: text/plain

Yes, but havent gotten to change the data input yet.. too much travel time...
REX

At 05:38 PM 4/21/97 -0500, you wrote:
>Never heard anything about the last checkprogram output. Did the Lat/Lon
>information on the cities help ?
>
>Greg
>
>-----
>Greg Jones, WD5IVD
>Austin, Texas
>wd5ivd@tapr.org
>http://www.tapr.org/~wd5ivd
>-----
>
>
>
>
==
Rex Ishmael, Sr. Environmental Engineer, Halliburton Energy Services
E-Mail:rishmael@halnet.com (work)
E-Mail:rishmael@texhoma.net (home)
Amatuer Mail: WD0AJG@WD0AJG.#SCOK.OK.USA.NOAM
==

30. Questions Abt TcpIp & PMBXs

From: Chuck Gessner <kc3et@diamond.nb.net>
Date: Wed, 23 Apr 1997 10:40:20 -0400
To: Carl Estey <cestey@millcomm.com>
Cc: "regional_freq@tapr.org" <regional_freq@tapr.org>
Message-ID: <335E1F54.3AE6@nb.net>
Rendered body type: text/plain

GM Carl.
I have several question that possibly you might be able to help me

with.
1) Is their a way to have BBS systems that operate under TcP/IP listed
   as both TCP/IP and BBS on the Java APRS Map?
   a. I noticed this just this morning when I looked at the entries
      for both the W2XO and N3NAA systems. Both are TcpIp systems and
      have bbs systems attached.
   b. My entrys look like
      Call   System Type   Network Type Software Used
      W2XO   BBS   TCP/IP   XOBBS
      N3NAA   BBS   TCP/IP   JNOS
2) Is their a way to list Personal Mailbox's on the system without
   listing them as 'System Type BBS' ?
   a) I have several clubs in my section that operate full time
      personal mailboxes that operate in a tnc for such things as
      club info, Swap n Shop listings, ARRL bulletins, etc..
   b) I changed these personal mailboxes to 'System Type DIGI' and
      then in the Notes columm listed 'Mailbox ....'.
The above items are not causing any problem on the mail listings only
with the Java APRS map system.
3) Lastly in the 'BAND' setting on the Java APRS I noted that their is
   a category for '1200'. At first I thought that was in error but
   found that is for 1200 bps. Is that supposed to be that way.
Questions, I have lots of questions today. Hi Hi. I continue to try
to encourage the folks in eastern and central pennsylvania to the
their packet information sent in. I have even volunteered to enter their
information until someone from that part of the state elects to get
involved in this project. So far the returns are very slow.
73 de Chuck KC3ET

31. Help - WA0CQG and WD5IVD

From: Jim Ketcham <ka4afi@bbs.wd4roj.ampr.org>
Date: Fri, 25 Apr 97 06:00:50 CDT
To: regional_freq@tapr.org
Message-ID: <184888@bbs.wd4roj.ampr.org>
Rendered body type: text/plain

The NADSD Check Program points out that I have a problem with
my entry number 10. It keeps showing "Morgan" as the city instead
of Decatur, AL. Entry # 9 is also Decatur, AL and works fine. I
can't find the difference in my upload file. Could one of you
take a look and tell me what is wrong with the #10 entry?

+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +
  73 de Jim: KA4AFI, Co-SysOp, EARS JNOS gateway BBS
  WD4ROJ.#SEAL.AL.USA.NOAM -or- bbs.wd4roj.ampr.org
+ -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- +

32. Map Display Improvements

From: Steve Dimse <sdimse@bridge.net>
Date: Tue, 29 Apr 97 12:11:11 -0400
To: <regional_freq@tapr.org>
Message-ID: <199704291611.MAA04854@bridge.net>
Rendered body type: text/plain

I have put up a new version of javAPRS which allows searching by system
and network type, as well as band. It also puts up a count of the number
of listings. Currently 1750 listings display valid lat/lon, or less than
half of the database!

I still need to develop a custom map list for each state, but that is
quite labor intensive and will get done in the fullness of time. The only
state with a map list now is Texas, take a look at that for a glimpse of
the detailed maps that will be available.

If you haven't looked at the map display, please do...it is a significant
adjunct to the text listings.

In case you forgot, the URL is:

http://www.tapr.org/directory/map/us.html

And, especially, if you haven't put in lat/lon data, please take the time
to do it!

Thanks de Steve K4HG

33. JAVA

From: "Stephen C. Draper N5SD" <sdraper@ckt.net>
Date: Tue, 29 Apr 1997 19:14:13 +0000
To: regional_freq@tapr.org
Message-ID: <33664885.6502@ckt.net>
Rendered body type: text/plain

For those of us that don't have JAVA capability, what do we need?

For a PC:

What operating system is needed?
What processor is needed, 386, 486, pentium, sx, dx....?
What browser? I know Netscape 2, 3.01, Gold and Explorer 2 won't work.
The only browser listing it is a Beta version that is
expired.
How do you turn it on?????

I suspect there is a lot of fellows out there wondering these same
questions and just afraid to ask.

73,
Steve N5SD
sdraper@ckt.net

34. Re: [REGIONAL_FREQ:380] JAVA

From: Steve Dimse <sdimse@bridge.net>
Date: Tue, 29 Apr 97 21:25:34 -0400
To: <regional_freq@tapr.org>
Message-ID: <199704300125.VAA17620@bridge.net>
Rendered body type: text/plain

On 4/29/97 8:17 PM Stephen C. Draper N5SD (sdraper@ckt.net) wrote:

>For those of us that don't have JAVA capability, what do we need?
>
>For a PC:
>
>What operating system is needed?
>What processor is needed, 386, 486, pentium, sx, dx....?
>What browser? I know Netscape 2, 3.01, Gold and Explorer 2 won't work.
>   The only browser listing it is a Beta version that is
>   expired.
>How do you turn it on?????
>

Windows 95, NT, OS/2 as well as Mac and linux all work. Windows 3.1 does
not have a browser supporting Java. The beta version of Netscape you
mentioned was a first attempt at W3.1 support, worked fine for little
display applets, but javAPRS is a pretty complicated applet, until they
are out of beta javAPRS will likely run poorly if at all.

Steve K4HG

May 1997

Original source file: regional_freq.9705
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-05/REGIONAL_FREQ_1997-05.txt

1. Mail Response

From: "Ken Oliver" <knoliver@tcd.net>
Date: Mon, 19 May 1997 10:38:27 -0600
To: <regional_freq@tapr.org>
Message-ID: <199705191739.LAA03494@tcd.net>
Rendered body type: text/plain

Have not recieved any mail for a long time and just testing
my system. Tnx and 73 de Ken N6KBM

2. Re: [REGIONAL_FREQ:382] Mail Response

From: Carl Estey <cestey@millcomm.com>
Date: Mon, 19 May 1997 13:11:43 -0500
To: regional_freq@tapr.org
Message-ID: <3.0.32.19970519131112.009053e0@midas.millcomm.com>
Rendered body type: text/plain

Ken -

It works.

Dayton has taken it's e-mail toll!

Carl - WA0CQG

At 12:43 PM 5/19/97 -0500, you wrote:
>Have not recieved any mail for a long time and just testing
>my system. Tnx and 73 de Ken N6KBM
>
>
>

3. Southeast Missouri?

From: Marty Albert <marty@trucom.com>
Date: Mon, 19 May 1997 13:07:40 -0500
To: regional_freq@tapr.org
Message-ID: <1.5.4.32.19970519180740.0067d108@mail.trucom.com>
Rendered body type: text/plain

Hello, Folks:

This is my first post to this group, so I hope this is the right place for
it to be posted!

Anyway, I have looked through the online listings and didn't find a group
that covers Southeast Missouri. Is there one just not listed as of yet or is
it a case that there is no such group at this time?

The group that I am a part of (HAmPS) might be interested in performing the
duties for this region if it is not currently covered by another group.

Thanks!

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

****
Interested in Amateur Radio?
http://www.trucom.com/ppages/marty
****

4. Band problem

From: Carl Estey <cestey@millcomm.com>
Date: Fri, 23 May 1997 14:35:26 -0500
To: regional_freq@tapr.org
Message-ID: <3.0.32.19970523143450.00904cb0@midas.millcomm.com>

Rendered body type: text/plain

A software glitch resulted in erroneous error messages being sent about the
222 band being incorrect. This problem has been located and fixed. No
further error messages should be received.

Sorry for any confusion this has caused.

Best Wishes,

Carl - WA0CQG
NADSD team focal point

June 1997

Original source file: regional_freq.9706
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-06/REGIONAL_FREQ_1997-06.txt

1. Uploading to NADSD

From: "Ken Oliver" <knoliver@tcd.net>
Date: Fri, 13 Jun 1997 16:17:01 -0600
To: <regional_freq@tapr.org>
Message-ID: <199706132318.RAA12877@tcd.net>
Rendered body type: text/plain

Anyone have luck with uploading their info with anything
but Excel? Anyother means would be help.
                          Thanks Ken N6KBM

---

2. Re: [REGIONAL_FREQ:386] Uploading to NADSD

From: "Frank R.Aguilar" <faguilar@ICSI.Net>
Date: Sat, 14 Jun 1997 16:10:28 -0500
To: <regional_freq@tapr.org>
Message-ID: <199706142107.QAA03536@warhol.ICSI.Net>
Rendered body type: text/plain

> From: Ken Oliver <knoliver@tcd.net>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:386] Uploading to NADSD
> Date: Friday, June 13, 1997 6:26 PM
>
> Anyone have luck with uploading their info with anything
> but Excel? Anyother means would be help.
>   Thanks Ken N6KBM
>

Hi Ken,

I use DBF files (dBase compatible) with an application
I wrote compiled in CA-Clipper. The basic table
structures do not resemble the NADSD format, but all
information is present so that the program can "generate"
it in a form ready for uploading.

All tables are in at least 3rd normal form and are quite
easy to maintain either with a program which I wrote or
with any type of tools which can read DBF files. I think
a spreadsheet program like EXCEL would work great for small
files, etc, but larger ones would need more of a database
system behind it.

I realize this is a bit of a home-brew approach, but hey,
I'm not using EXCEL.

If thats the avenue of approach you're looking into, let
me know and I'll give you more information.

Frank Aguilar
N5SSH
faguilar@icsi.net

---

3. Upload of Regional Info

From: Tim Mitchell <ka5ryf@swbell.net>
Date: Sun, 15 Jun 1997 23:16:56 -0500
To: regional_freq@tapr.org
Message-ID: <33A4BE38.1F48@swbell.net>
Rendered body type: text/plain

Hi guys,

Just wanted to let everyone know that the Kansas City area is alive and
well, however I have not had the time to get the data uploaded in to the
database. I am having to hand convert all this over form our database
and school and work have priority in my life right now.

Carl, I can use some help, I cannot find all the secret passwords to
gain access. Any help would be appreciated.

Thanks,

Tim Mitchell KA5RYF
Kansas City Packet Group (KCPG)

July 1997

Original source file: regional_freq.9707
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-07/REGIONAL_FREQ_1997-07.txt

1. JavaMap

From: Carl Estey <cestey@midas.millcomm.com>
Date: Thu, 10 Jul 1997 23:16:59 -0500 (CDT)
To: regional_freq@tapr.org
Cc: rmackay@cycor.ca
Message-ID: <3.0.16.19970711040507.2b173c80@millcomm.com>
Rendered body type: text/plain

```
Hey Gang -

Does anyone have any comments for Ron on this?

Carl - WA0CQG
---------------------------
Hi Carl, I've been fine tuning my TAPR directory listings again and just
add the Province of NB. One question I have is what to do to make the
JavaMap look good when we have a number of nodes in the same or nearby
location. They all land on top of each other and in many cases the
letters of the callsigns intermix so you cant make sense of it.
My only suggestion would be that in such cases the submitter would
decide which callsign would be visible on the map by only including its
Lat/Long data, leaving data for other nodes at that location blank.

Any other ideas, suggestions?

Otherwise the JavaMap is a very cool device and really appreciate it.
On web pages where I have done map I usually have to enter numbers at
the location and then have a lookup table list the information as to
what is at the numbered location.

73 - Ron VE1AIC
```

2. Re: [REGIONAL_FREQ:389] JavaMap

From: Steve Dimse <sdimse@netrox.net>
Date: Fri, 11 Jul 97 01:01:27 -0400
To: <regional_freq@tapr.org>
Message-ID: <199707110501.BAA27367@netrox.net>
Rendered body type: text/plain

```
>Hey Gang -
>
>Does anyone have any comments for Ron on this?
>
>Carl - WA0CQG
>---------------------------
>Hi Carl, I've been fine tuning my TAPR directory listings again and just
>add the Province of NB. One question I have is what to do to make the
>JavaMap look good when we have a number of nodes in the same or nearby
>location. They all land on top of each other and in many cases the
>letters of the callsigns intermix so you cant make sense of it.
>My only suggestion would be that in such cases the submitter would
>decide which callsign would be visible on the map by only including its
>Lat/Long data, leaving data for other nodes at that location blank.
>
>Any other ideas, suggestions?
>
>Otherwise the JavaMap is a very cool device and really appreciate it.
>On web pages where I have done map I usually have to enter numbers at
>the location and then have a lookup table list the information as to
>what is at the numbered location.
>
>73 - Ron VE1AIC
>
If all the listings have the same lat/lon they will appear on top of each
other. If they are just nearby, then zooming in (option-click, or the d
key) will separate them. If there are a stack of them together on the
map, clicking on the stack cycles thru them one at a time, drawing one at
the top and displaying the info at the bottom of the window.

When the map is redrawn, the display will show the last station on the
list on the top of a stack. This might be able to be used to default to a
particular station on the top of a stack. You'll have to experiment a bit
```

with this, as I don't know how they are processed by the NADSD software.
Perhaps someone else can comment on how the list is processed and sorted.

Steve K4HG

3. Re: [REGIONAL_FREQ:390] Re: JavaMap

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Fri, 11 Jul 1997 00:17:34 -0500
To: regional_freq@tapr.org
Message-ID: <v03020915afeb72456bc9@[129.120.54.53]>
Rendered body type: text/plain

My guess is that if nodes are stacked within a town -- the group is using
the LAT/LON for the city not the location.

Another good reason to sart collecting more accurate LAT/LON numbers in the
coming months.

Greg

>>Hey Gang -
>>
>>Does anyone have any comments for Ron on this?
>>
>>Carl - WA0CQG
>>----------------------------
>>Hi Carl, I've been fine tuning my TAPR directory listings again and just
>>add the Province of NB. One question I have is what to do to make the
>>JavaMap look good when we have a number of nodes in the same or nearby
>>location. They all land on top of each other and in many cases the
>>letters of the callsigns intermix so you cant make sense of it.
>>My only suggestion would be that in such cases the submitter would
>>decide which callsign would be visible on the map by only including its
>>Lat/Long data, leaving data for other nodes at that location blank.
>>
>>Any other ideas, suggestions?
>>
>>Otherwise the JavaMap is a very cool device and really appreciate it.
>>On web pages where I have done map I usually have to enter numbers at
>>the location and then have a lookup table list the information as to
>>what is at the numbered location.
>>
>>73 - Ron VE1AIC
>>
>If all the listings have the same lat/lon they will appear on top of each
>other. If they are just nearby, then zooming in (option-click, or the d
>key) will separate them. If there are a stack of them together on the
>map, clicking on the stack cycles thru them one at a time, drawing one at
>the top and displaying the info at the bottom of the window.
>
>When the map is redrawn, the display will show the last station on the
>list on the top of a stack. This might be able to be used to default to a
>particular station on the top of a stack. You'll have to experiment a bit
>with this, as I don't know how they are processed by the NADSD software.
>Perhaps someone else can comment on how the list is processed and sorted.
>
>Steve K4HG

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd
-----

4. Re: [REGIONAL_FREQ:391] Re: JavaMap

From: Steve Dimse <sdimse@netrox.net>
Date: Fri, 11 Jul 97 01:51:32 -0400
To: <regional_freq@tapr.org>
Message-ID: <199707110551.BAA03168@netrox.net>
Rendered body type: text/plain

>My guess is that if nodes are stacked within a town -- the group is using
>the LAT/LON for the city not the location.
>
But somes they really are in the same place, that's why they call it a
stack ;-)

Steve

5. Re: [REGIONAL_FREQ:390] Re: JavaMap

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Fri, 11 Jul 1997 10:18:32 -0300 (ADT)
To: regional_freq@tapr.org
Message-ID: <199707111318.KAA01755@bud.peinet.pe.ca>
Rendered body type: text/plain

>>location. They all land on top of each other and in many cases the
>>letters of the callsigns intermix so you cant make sense of it.
>>
>If all the listings have the same lat/lon they will appear on top of each
>other. If they are just nearby, then zooming in (option-click, or the d
>key) will separate them. If there are a stack of them together on the
>map, clicking on the stack cycles thru them one at a time, drawing one at
>the top and displaying the info at the bottom of the window.
>
>When the map is redrawn, the display will show the last station on the
>list on the top of a stack. This might be able to be used to default to a
>particular station on the top of a stack. You'll have to experiment a bit
>with this, as I don't know how they are processed by the NADSD software.
>Perhaps someone else can comment on how the list is processed and sorted.
>
>Steve K4HG
>

Thanks for that info Steve, it does display the list of nodes as you click
on them but as I mentioned if the callsigns had different lengths then the
chars will intermix.
Is there any way to force the display to pad with blanks so that "VE9AA" is
padded to overlay "VE9BBB-9"?
Would 8 char window be right for all calls?
73 - Ron VE1AIC

6. Re: [REGIONAL_FREQ:393] Re: JavaMap

From: Steve Dimse <sdimse@netrox.net>
Date: Fri, 11 Jul 97 10:57:39 -0400
To: <regional_freq@tapr.org>
Message-ID: <199707111457.KAA19031@netrox.net>
Rendered body type: text/plain

>Thanks for that info Steve, it does display the list of nodes as you click
>on them but as I mentioned if the callsigns had different lengths then the
>chars will intermix.
>Is there any way to force the display to pad with blanks so that "VE9AA" is
>padded to overlay "VE9BBB-9"?
>Would 8 char window be right for all calls?

It would take 9 for all possible callsigns, in case of 2 digit ssid.

However, it is not going to work because of the way java displays text.
It does not draw a box then write the text. The background you see behind
the calls now is the text drawn in the background color shifted one pixel
in each direction.

When you click on the text you see the callsign in the data on the status
bar, though it is a middle field.

One of the things on the list for when I get back to javAPRS (alas, it
won't be till after DCC) is to improve the format of the data in the
status bar (now it is just the raw data as it comes from NADSD).

Steve K4HG

7. Re: [REGIONAL_FREQ:389] REGIONAL_FREQ digest 134

From: Steve Ashenfelter <n8xsf@primenet.com>
Date: Sat, 12 Jul 1997 10:20:00 -0400
To: regional_freq@tapr.org
Message-ID: <1.5.4.32.19970712142000.006c8fc4@pop.primenet.com>
Rendered body type: text/plain

Could I get a sample of what the File should look like to upload to the list?
I currently do not have any of the programs listed that I need.
I do have wp6.0a and running win95.

Thanks,
****

```
* Steve Ashenfleter N8XSF        Northwest Ohio Skywarn Home page     *
* n8xsf@primenet.com          http://www.geocities.com/Yosemite/1256/ *
* N8XSF@N8XSF.#NWOH.OH.USA.NA     or  http://skywarn.home.ml.org      *
**************************************************************************

                  Agriculture Online Free 7day trial!
                  http://www.agriculture.com/subscribe/

InterRAD NIDS Software http://www.stratus.weather.net/~rdale/interrad.html
(for use with AgricultureOnline Doppler updates)
```

August 1997

Original source file: regional_freq.9708
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-08/REGIONAL_FREQ_1997-08.txt

1. TAPR Server to be down 8/9/97

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Fri, 8 Aug 1997 22:24:44 -0500
To: "TAPR-BB  list   mailing"<tapr-bb@tapr.org>,
        "TAPR   APRS SIG"<aprssig@tapr.org>,
        "HF SIG  list   mailing"<hfsig@tapr.org>,
        "NETSIG  list   mailing"<netsig@tapr.org>,
        "BBS SIG  list   mailing"<bbssig@tapr.org>,
        " Spread Spectrum "<ss@tapr.org>, " TAPR SYS "<tapr-sys@tapr.org>,
        " tapr-tnc "<tapr-tnc@tapr.org>, aprs-fl@tapr.org,
        " tacgps "<tacgps@tapr.org>,
        TAPR Regional Freq <regional_freq@tapr.org>,
        " TAPR/AMSAT DSP "<dsp@tapr.org>, " DSP-93 Build "<dsp-93@tapr.org>,
        " TPRS Board "<tprs-board@tapr.org>
Message-ID: <v03020900b01191cb3c5c@[208.134.134.40]>
Rendered body type: text/plain
```

I just received a call informing us that the building location where the TAPR.ORG server is located will be without power tomorrow for most of the day.

We will be shutting down the server between 7am and 8am and don't expect that it will be available until late Saturday evening when power is restored.

Cheers - Greg, WD5IVD

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd

"Before you become too entranced with gorgeous gadgets
and mesmerizing video displays, let me remind you that
information is not knowledge, knowledge is not wisdom,
and wisdom is not foresight. Each grows out of the other
and we need them all."   -Arthur C. Clarke

September 1997

Original source file: regional_freq.9709
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-09/REGIONAL_FREQ_1997-09.txt

1. NADSD Suggestion

```
From: Carl Estey <cestey@millcomm.com>
Date: Thu, 04 Sep 1997 09:34:40 -0500
To: regional_freq@tapr.org
Cc: kharker@cs.utexas.edu
Message-ID: <3.0.32.19970904093409.009265e0@midas.millcomm.com>
Rendered body type: text/plain
```

```
Do you have any input on this suggestion?

Carl - WA0CQG
----------------
>Sender: root@mail.utexas.edu
>Date: Thu, 04 Sep 1997 00:08:17 -0500
>From: "Kenneth E. Harker" <kharker@cs.utexas.edu>
>Organization: University of Texas at Austin
>To: wa0cqg@tapr.org
>Subject: NADSD Suggestion
>
>Just a thought...
>
>     I've discovered that finding the IP cordinator for my area so I can
>get on TCP/IP packet is not a trivial thing - no one seems to know who
>is now in charge of it, even those people I know who have been active on
>TCP/IP for a long while.  Could an up-to-date list of IP coordinators
>for every locality in North America be a worthwhile auxillary database
>for the NADSD?
>
>     And in case you happen to know who the IP coordinator is for
>Austin, TX, I'm still searching...
>
>
```

2. Re: [REGIONAL_FREQ:397] NADSD Suggestion

```
From: John Ackermann N8UR <jra@febo.com>
Date: Thu, 04 Sep 1997 11:23:53 -0400
To: regional_freq@tapr.org
Message-ID: <199709041523.LAA06731@meow.febo.com>
Rendered body type: text/plain
```

```
Hi Carl --

The official list of coordinators is already available at ftp://ftp.ucsd.edu
in one of the upper directories -- maybe /hamradio?  So the resource is
there.  I think the biggest problem is that a number of the coordinators
are pretty inactive, and the list doesn't get updated until there's a new
volunteer on the scene to take over.

Brian Kantor, WB6CYT, is the coordinator coordinator for the whole ampr.org
and amprnet spaces, and he maintains the list I referred to above.

John  N8UR (ex-AG9V)
----
In message <3.0.32.19970904093409.009265e0@midas.millcomm.com>, Carl Estey writ
es:
>Do you have any input on this suggestion?
>
>Carl - WA0CQG
>----------------
>>Sender: root@mail.utexas.edu
>>Date: Thu, 04 Sep 1997 00:08:17 -0500
>>From: "Kenneth E. Harker" <kharker@cs.utexas.edu>
>>Organization: University of Texas at Austin
>>To: wa0cqg@tapr.org
>>Subject: NADSD Suggestion
>>
>>Just a thought...
>>
>>     I've discovered that finding the IP cordinator for my area so I can
>>get on TCP/IP packet is not a trivial thing - no one seems to know who
>>is now in charge of it, even those people I know who have been active on
>>TCP/IP for a long while.  Could an up-to-date list of IP coordinators
```

>>for every locality in North America be a worthwhile auxillary database
>>for the NADSD?
>>
>>   And in case you happen to know who the IP coordinator is for
>>Austin, TX, I'm still searching...
>>
>>

3. Re: [REGIONAL_FREQ:398] Re: NADSD Suggestion

From: Carl Estey <cestey@millcomm.com>
Date: Thu, 04 Sep 1997 11:19:57 -0500
To: regional_freq@tapr.org
Message-ID: <3.0.32.19970904111926.00922e90@midas.millcomm.com>
Rendered body type: text/plain

Hi John -

Thanks for the input. I thought I had seen the list somewhere but sure
couldn't remember where. I will wait a few days for more comments before I
pass the info to Ken who made the suggestion.

Again, thanks.

Carl

At 10:07 AM 9/4/97 -0500, you wrote:
>Hi Carl --
>
>The official list of coordinators is already available at ftp://ftp.ucsd.edu
>in one of the upper directories -- maybe /hamradio? So the resource is
>there. I think the biggest problem is that a number of the coordinators
>are pretty inactive, and the list doesn't get updated until there's a new
>volunteer on the scene to take over.
>
>Brian Kantor, WB6CYT, is the coordinator coordinator for the whole ampr.org
>and amprnet spaces, and he maintains the list I referred to above.
>
>John N8UR (ex-AG9V)
>----
>In message <3.0.32.19970904093409.009265e0@midas.millcomm.com>, Carl Estey
writ
>es:
>>Do you have any input on this suggestion?
>>
>>Carl - WA0CQG
>>-----------------
>>>Sender: root@mail.utexas.edu
>>>Date: Thu, 04 Sep 1997 00:08:17 -0500
>>>From: "Kenneth E. Harker" <kharker@cs.utexas.edu>
>>>Organization: University of Texas at Austin
>>>To: wa0cqg@tapr.org
>>>Subject: NADSD Suggestion
>>>
>>>Just a thought...
>>>
>>>   I've discovered that finding the IP cordinator for my area so I can
>>>get on TCP/IP packet is not a trivial thing - no one seems to know who
>>>is now in charge of it, even those people I know who have been active on
>>>TCP/IP for a long while. Could an up-to-date list of IP coordinators
>>>for every locality in North America be a worthwhile auxillary database
>>>for the NADSD?
>>>
>>>   And in case you happen to know who the IP coordinator is for
>>>Austin, TX, I'm still searching...
>>>
>>>
>>
>
>

4. Re: [REGIONAL_FREQ:397] NADSD Suggestion

From: Jeff Reinhardt <jreinh@ix.netcom.com>
Date: Thu, 04 Sep 1997 10:28:37 -0700
To: regional_freq@tapr.org
Message-ID: <340EEFC5.56F7@ix.netcom.com>
Rendered body type: text/plain

Carl Estey wrote:
>

> Do you have any input on this suggestion?
>
> Carl - WA0CQG
> ----------
> >Sender: root@mail.utexas.edu
> >Date: Thu, 04 Sep 1997 00:08:17 -0500
> >From: "Kenneth E. Harker" <kharker@cs.utexas.edu>
> >Organization: University of Texas at Austin
> >To: wa0cqg@tapr.org
> >Subject: NADSD Suggestion
> >
> >Just a thought...
> >
> >   I've discovered that finding the IP cordinator for my area so I can
> >get on TCP/IP packet is not a trivial thing - no one seems to know who
> >is now in charge of it, even those people I know who have been active on
> >TCP/IP for a long while. Could an up-to-date list of IP coordinators
> >for every locality in North America be a worthwhile auxillary database
> >for the NADSD?
> >
> >   And in case you happen to know who the IP coordinator is for
> >Austin, TX, I'm still searching...
> >
> >

As an auxiliary item (seperate mouse click)...no problem.
Jeff Reinhardt, AA6JR

---

5. Re: [REGIONAL_FREQ:399] Re: NADSD Suggestion

From: "Frank R. Aguilar" <faguilar@ICSI.Net>
Date: Thu, 04 Sep 1997 12:44:49 -0500
To: regional_freq@tapr.org
Message-ID: <340EF391.16F8@icsi.net>
Rendered body type: text/plain

Ken had written me about the same thing. I passed on Mike Kelly's
address to him since he also asked about South Texas contacts. Mike (out
of Corpus) gave me my IP addresses.

Frank N5SSH

Carl Estey wrote:
>
> Hi John -
>
> Thanks for the input. I thought I had seen the list somewhere but sure
> couldn't remember where. I will wait a few days for more comments before I
> pass the info to Ken who made the suggestion.
>
> Again, thanks.
>
> Carl
> --------------
> At 10:07 AM 9/4/97 -0500, you wrote:
> >Hi Carl --
> >
> >The official list of coordinators is already available at ftp://ftp.ucsd.edu
> >in one of the upper directories -- maybe /hamradio? So the resource is
> >there. I think the biggest problem is that a number of the coordinators
> >are pretty inactive, and the list doesn't get updated until there's a new
> >volunteer on the scene to take over.
> >
> >Brian Kantor, WB6CYT, is the coordinator coordinator for the whole ampr.org
> >and amprnet spaces, and he maintains the list I referred to above.
> >
> >John N8UR (ex-AG9V)
> >----
> >In message <3.0.32.19970904093409.009265e0@midas.millcomm.com>, Carl Estey
> writ
> >es:
> >>Do you have any input on this suggestion?
> >>
> >>Carl - WA0CQG
> >>----------
> >>>Sender: root@mail.utexas.edu
> >>>Date: Thu, 04 Sep 1997 00:08:17 -0500
> >>>From: "Kenneth E. Harker" <kharker@cs.utexas.edu>

> >>>Organization: University of Texas at Austin
> >>>To: wa0cqg@tapr.org
> >>>Subject: NADSD Suggestion
> >>>
> >>>Just a thought...
> >>>
> >>>   I've discovered that finding the IP cordinator for my area so I can
> >>>get on TCP/IP packet is not a trivial thing - no one seems to know who
> >>>is now in charge of it, even those people I know who have been active on
> >>>TCP/IP for a long while. Could an up-to-date list of IP coordinators
> >>>for every locality in North America be a worthwhile auxillary database
> >>>for the NADSD?
> >>>
> >>>   And in case you happen to know who the IP coordinator is for
> >>>Austin, TX, I'm still searching...
> >>>
> >>>
> >
> >
> >

6. Re: [REGIONAL_FREQ:397] NADSD Suggestion

From: "Jim Neely" <jneely@eden.com>
Date: Thu, 04 Sep 97 13:57:03
To: "kharker@cs.utexas.edu" <kharker@cs.utexas.edu>,
        "regional_freq@tapr.org" <regional_freq@tapr.org>
Message-ID: <199709041857.NAA14044@matrix.eden.com>
Rendered body type: text/plain

The IP coordinator is Joe Thiel, N5SMN, 832-0450

jn

On Thu, 4 Sep 1997 09:37:41 -0500 (CDT), Carl Estey wrote:

>Do you have any input on this suggestion?
>
>Carl - WA0CQG
>----------------
>>Sender: root@mail.utexas.edu
>>Date: Thu, 04 Sep 1997 00:08:17 -0500
>>From: "Kenneth E. Harker" <kharker@cs.utexas.edu>
>>Organization: University of Texas at Austin
>>To: wa0cqg@tapr.org
>>Subject: NADSD Suggestion
>>
>>Just a thought...
>>
>>   I've discovered that finding the IP cordinator for my area so I can
>>get on TCP/IP packet is not a trivial thing - no one seems to know who
>>is now in charge of it, even those people I know who have been active on
>>TCP/IP for a long while. Could an up-to-date list of IP coordinators
>>for every locality in North America be a worthwhile auxillary database
>>for the NADSD?
>>
>>   And in case you happen to know who the IP coordinator is for
>>Austin, TX, I'm still searching...
>>
>>

Jim Neely
jneely@eden.com   WA5LHS@TAPR.ORG
**********NEW e-mail address jmneely@ibm.net***********

7. Re: [REGIONAL_FREQ:397] NADSD Suggestion

From: Ben Sager <bsager@interserf.net>
Date: Sun, 07 Sep 1997 05:28:44 -0300
To: regional_freq@tapr.org
Message-ID: <3.0.3.32.19970907052844.007cc8b0@mail.interserf.net>
Rendered body type: text/plain

I went through the samething here in VA... Lot's of buck passing before
I "accidently" found the coordinator who is only parttime active now..

Good luck..

73
Ben

At 09:37 AM 9/4/97 -0500, you wrote:
>Do you have any input on this suggestion?
>
>Carl - WA0CQG
>----------------
>>Sender: root@mail.utexas.edu
>>Date: Thu, 04 Sep 1997 00:08:17 -0500
>>From: "Kenneth E. Harker" <kharker@cs.utexas.edu>
>>Organization: University of Texas at Austin
>>To: wa0cqg@tapr.org
>>Subject: NADSD Suggestion
>>
>>Just a thought...
>>
>>   I've discovered that finding the IP cordinator for my area so I can
>>get on TCP/IP packet is not a trivial thing - no one seems to know who
>>is now in charge of it, even those people I know who have been active on
>>TCP/IP for a long while. Could an up-to-date list of IP coordinators
>>for every locality in North America be a worthwhile auxillary database
>>for the NADSD?
>>
>>   And in case you happen to know who the IP coordinator is for
>>Austin, TX, I'm still searching...
>>
>>
>

Ben Sager, KC4ASF/AFA2OS/KAF5704, of Fredericksburg.

Network Manager for the VA Digital Emergency Network (VDEN) on 145.73.

VDEN Homepage--> http://www.interserf.net/sager

ARRL OES Station in ARES District 4.

EC for AF MARS in VA.

Hm 540-786-0046, Pager 888-369-0908
---

8. Neal Winter ?

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 25 Sep 1997 20:18:24 -0500
To: "Dan Puckett"<regional_freq@tapr.org>
Message-ID: <v03110737b050bd8a4c0a@[208.134.134.40]>
Rendered body type: text/plain

Neal sent me a new e-mail address to use, but I can't find the message now.

Does anyone know the e-mail for:

Keystone VHF Club, Inc. (W3HZU)
       Neal E. Winters - N3XYW
       Dover, PA 17315
       Internet: sundog@redrose.net
       Area: PA

sundog doesn't work now.

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd

    "Before you become too entranced with gorgeous gadgets
     and mesmerizing video displays, let me remind you that
     information is not knowledge, knowledge is not wisdom,
     and wisdom is not foresight. Each grows out of the other
     and we need them all."   -Arthur C. Clarke

9. Re: [REGIONAL_FREQ:404] Neal Winter ?

From: "Douglas J. Reed" <n3aia@worldnet.att.net>
Date: Sat, 27 Sep 1997 07:48:25 -0400
To: <regional_freq@tapr.org>
Message-ID: <19970928133439.AAE19564@default>
Rendered body type: text/plain

Don't have their current email address, however, try their Web Site:

http://members.aol.co,/n3kkm/w3hzu.html

Doug, N3AIA
Roswell, GA

> From: Greg Jones, WD5IVD <wd5ivd@tapr.org>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:404] Neal Winter ?
> Date: Thursday, September 25, 1997 9:44 PM
>
> Neal sent me a new e-mail address to use, but I can't find the message
now.
>
> Does anyone know the e-mail for:
>
> Keystone VHF Club, Inc. (W3HZU)
>   Neal E. Winters - N3XYW
>   Dover, PA 17315
>   Internet: sundog@redrose.net
>   Area: PA
>
>
> sundog doesn't work now.
>
>
> Cheers - Greg
>
> -----
> Greg Jones, WD5IVD
> Austin, Texas
> wd5ivd@tapr.org
> http://www.tapr.org/~wd5ivd
> -----
>
>   "Before you become too entranced with gorgeous gadgets
>   and mesmerizing video displays, let me remind you that
>   information is not knowledge, knowledge is not wisdom,
>   and wisdom is not foresight. Each grows out of the other
>   and we need them all."   -Arthur C. Clarke
>

November 1997

Original source file: regional_freq.9711
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-11/REGIONAL_FREQ_1997-11.txt

1. Web site for MACC?

From: "B. Dover" <bdover@greeceny.com>
Date: Thu, 27 Nov 1997 13:48:03 -0500
To: A-REGIONAL Frequency Coord Listserve <regional_freq@tapr.org>
Message-ID: <347DC063.99B86A58@greeceny.com>
Rendered body type: text/plain

Can someone point me to a website for MACC? I'm trying to assemble a
list of 6-meter band plans across the country.

Regards,
Ev Tupis, K2IV

2. Remove from your subscripttion list

From: Sed Razal <sed@earthling.net>
Date: Fri, 28 Nov 1997 09:14:47 +0800
To: regional_freq@tapr.org
Message-ID: <3.0.32.19971128090937.006ad1ac@central.doh.gov.ph>
Rendered body type: text/plain

Dear fellows,

Please remove me from your from your subscription list

Thank you.

Sed Razal

3. Re: [REGIONAL_FREQ:406] Web site for MACC?

From: Dino Darling <dinod@deltanet.com>
Date: Fri, 28 Nov 1997 09:23:47 -0800
To: regional_freq@tapr.org
Cc: tomsmb@aol.com
Message-ID: <3.0.1.32.19971128092347.006f8c5c@mail.deltanet.com>
Rendered body type: text/plain

Try contacting Mr. Tom O'Hara ...W6ORG tomsmb@aol.com for information on Southern
California's 6-meter band plan. He should be able to point you in the right
direction. I looked over the WEB for SCRRBA's web page but the many links were
all gone. I know you were looking for MACC and I'm not sure you have Southern
California so I thought I would just send this to you. 73 and good luck.

(Hi Jim Fortney...where ever you are!)

At 12:53 PM 11/27/97 -0600, you wrote:
>Can someone point me to a website for MACC? I'm trying to assemble a
>list of 6-meter band plans across the country.
>
>Regards,
>Ev Tupis, K2IV
>
>
>
Dino...dinod@deltanet.com

4. NADSD End of Year

From: Greg Jones <wd5ivd@tapr.org>
Date: Sun, 30 Nov 1997 01:43:12 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03110702b0a6c97c08b1@[208.134.134.40]>
Rendered body type: text/plain

TAPR North American Digital System Directory

It seems just yesterday that TAPR's North American Digital System Directory

(NADSD) was merely in the idea stage. That was in November of 1996 - and a year later that idea has been transformed into reality. Thanks to a core group of TAPR volunteers - and to over sixty contributors of data - over 4,200 listings covering 42 States and 8 Provinces are available free-of-charge on the TAPR web page (http://www.tapr.org/directory). The project has become an astounding success!

It is to you - contributors of data to the NADSD - that we say THANKS! You have made the idea become reality!

As we look forward to 1998, the NADSD team has two objectives and one major project in mind. First, the objectives:

We need to review our individual listings and make sure that they are still accurate and complete. Many of us wanted to get the initial data into the system last year so we submitted only the minimum required data. The need now is to get all of the data for each entry. Please take the time to review your data and add missing fields like LAT/LON, network type and system type. These fields are important so that the mapping features created by Steve Dimse, K4HG, can work. (If you haven't experienced Steve's neat mapping features, give the NADSD maps a try!)

This has also been a year of many changes. BBS's have left the air, some have been added, nodes have been added and some have gone off-the-air. The NADSD needs to capture all of these changes if it is to remain accurate.

Second, we need to expand our listings. We have 42 States represented - some with only a small number of listings. We need to add to our listings to include more systems in our areas - and more States. Please encourage other keepers of lists about digital communication systems to become data providers for the NADSD.

Our major project coming up in January, is the publication of the NADSD in the 1998 TAPR CD-ROM. We want to make sure that the NADSD is really up-to-date so that everyone who buys the TAPR CD-ROM gets to see our project at it's very best!

In summary, please take the time to review and up-date your submissions to the NADSD. Use the normal FTP process to send your updates. Just a reminder - if you use a different file name than you did when you last submitted data, be sure to delete the OLD data file. The deadline for submitting your data to make it into the 1998 CD-ROM is December 31, 1997.

Thanks for your help in making this a great beginning for the North American Digital System Directory.!

73,
Carl - WA0CQG
TAPR North American Digital System Directory team focal point
WA0CQG@TAPR.ORG

P.S. There was a paper published and presented in October at the ARRL and TAPR DCC regarding the NADSD. Give it a listen and a print. http://www.tapr.org/directory/info.html

5. Need updates on e-mail ?

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Sun, 30 Nov 1997 01:58:43 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03110703b0a6c99e10aa@[208.134.134.40]>
Rendered body type: text/plain

Anyone one know about the following people ?
We are getting bounced messages from them.
If you have an update to their e-mail address, please let me know.

Cheers -- Greg

------

kbarnes@bigeasy.com
        KE5GA DX-PacketCluster
        Keith Barnes - KE5GA
        River Ridge, LA

af@006.lafn.org
        Los Angeles/San Fernando DX Packet Cluster
        Harvey Shore - K6EXO

West Hills, CA

pkallio@juno.com
Kitsap County Packet Radio User's Group
Peter Kallio - N7ENT
Orchard, WA

kasmit@mindspring.com
Northwest Georgia ARC
Andy Smith - KE4CXT
Silver Creek, GA

ken-oelke@t8000.com
Radio Amateurs of Candada
Ken Oelke - VE6AFO
Calgary, Albert Canada

wd5efc@juno.com
Herbert Crosby - WD5EFC
Webster, TX

pawny@hamgate.sunyerie.edu
Packet Association Of Western New York
Karl Weir - N2NJH
Cheektowaga, NY

dmadsen@nwiowa.com
Dean R. Madsen - KE0WO
Storm Lake, IA

SUNDOG@REDROSE.NET
Keystone VHF Club, Inc. (W3HZU)
Neal E. Winters - N3XYW
Dover, PA

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
http://www.tapr.org/~wd5ivd

6. Re: [REGIONAL_FREQ:410] Need updates on e-mail ?

From: ve1aic@iname.com (Ron VE1AIC)
Date: Sun, 30 Nov 1997 08:28:35 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <199711301328.IAA19091@smtp2.sympatico.ca>
Rendered body type: text/plain

>Anyone one know about the following people ?
>We are getting bounced messages from them.
>If you have an update to their e-mail address, please let me know.
>
>Cheers -- Greg
>
>------
>
>
>ken-oelke@t8000.com
>   Radio Amateurs of Candada
>   Ken Oelke - VE6AFO
>   Calgary, Albert Canada

Hi Greg, I dont know if VE6AFO is still active but here is the link to RAC
coordinators page:
http://www.rac.ca/coordina.htm

73 - Ron
VE1AIC

Ron Mackay   Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Box 188 Cornwall, PE   E-mail: ve1aic@iname.com
Canada   WWW: http://www.naval.com/ve1aic
C0A 1H0   or
http://www.geocities.com/CapeCanaveral/7970
---

7. Re: [REGIONAL_FREQ:409] NADSD End of Year

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Sun, 30 Nov 1997 22:13:08 -0500 (EST)
To: Greg Jones <wd5ivd@tapr.org>
Cc: regional_freq@tapr.org
Message-ID: <Pine.SOL.3.96.971130221014.15072L-100000@arctic>
Rendered body type: text/plain

One thing that might be useful in the "UP-FRONT" comments in the NADSD is to suggest to ALL digital operators and SYSOPS, that they should consider including an APRS compatible position report in all ID BEACONS on all digital systems to allow local plotting of assets using any of the APRS software monitroing programs....

Anyone that wants to see what the newtork looks like on 145.XX, simply then monitors 145.xx overnight and awakes to see a full system map on his screen the next monrning...

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio: http://www.tapr.org/tapr/html/mic-e.html

December 1997

Original source file: regional_freq.9712
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1997-12/REGIONAL_FREQ_1997-12.txt

1. Re: [REGIONAL_FREQ:409] REGIONAL_FREQ digest 145

```
From: "John Kludt M.D." <jkludt@bcbs-ga.com>
Date: Mon, 01 Dec 1997 06:54:57 -0500
To: regional_freq@tapr.org
Message-ID: <3482A591.26A27EBE@bcbs-ga.com>
Rendered body type: text/plain
```

```
regional_freq@tapr.org wrote:
>
>                              REGIONAL_FREQ Digest 145
>
> Topics covered in this issue include:
>
>   1) NADSD End of Year
>         by Greg Jones <wd5ivd@tapr.org>
>
> ------------------------------------------------------------------------
>
> Date: Sun, 30 Nov 1997 01:43:12 -0600
> From: Greg Jones <wd5ivd@tapr.org>
> To: TAPR Regional Freq <regional_freq@tapr.org>
> Subject: NADSD End of Year
> Message-ID: <v03110702b0a6c97c08b1@[208.134.134.40]>
>
> TAPR North American Digital System Directory
> --------------------------------------------
>
> It seems just yesterday that TAPR's North American Digital System Directory
> (NADSD) was merely in the idea stage.  That was in November of 1996 - and a
> year later that idea has been transformed into reality.  Thanks to a core
> group of TAPR volunteers  -  and to over sixty contributors of data - over
> 4,200 listings covering 42 States and 8 Provinces are available
> free-of-charge on the TAPR web page (http://www.tapr.org/directory).
> The project has become an astounding success!
>
> It is to you - contributors of data to the NADSD - that we say THANKS!
> You have made the idea become reality!
>
> As we look forward to 1998, the NADSD team has two objectives and one major
> project in mind.  First, the objectives:
>
> We need to review our individual listings and make sure that they are still
> accurate and complete.  Many of us wanted to get the initial data into the
> system last year so we submitted only the minimum required data.  The need
> now is to get all of the data for each entry.  Please take the time to
> review your data and add missing fields like LAT/LON, network type and
> system type.  These fields are important so that the mapping features
> created by Steve Dimse, K4HG, can work.  (If you haven't experienced
> Steve's neat mapping features, give the NADSD maps a try!)
>
> This has also been a year of many changes.  BBS's have left the air, some
> have been added, nodes have been added and some have gone off-the-air.
> The NADSD needs to capture all of these changes if it is to remain accurate.
>
> Second, we need to expand our listings.  We have 42 States represented -
> some with only a small number of listings.  We need to add to our listings
> to include more systems in our areas - and more States.  Please encourage
> other keepers of lists about digital communication systems to become data
> providers for the NADSD.
>
> Our major project coming up in January, is the publication of the NADSD
> in the 1998 TAPR CD-ROM.  We want to make sure that the NADSD is really
> up-to-date so that everyone who buys the TAPR CD-ROM gets to see our
> project at it's very best!
>
> In summary, please take the time to review and up-date your submissions
> to the NADSD.  Use the normal FTP process to send your updates.  Just a
> reminder - if you use a different file name than you did when you last
> submitted data, be sure to delete the OLD data file. The deadline for
> submitting your data to make it into the 1998 CD-ROM is December 31, 1997.
>
> Thanks for your help in making this a great beginning for the North
```

> American Digital System Directory.!
>
> 73,
> Carl - WA0CQG
> TAPR North American Digital System Directory team focal point
> WA0CQG@TAPR.ORG
>
> P.S. There was a paper published and presented in October at the ARRL and
> TAPR DCC regarding the NADSD. Give it a listen and a print.
> http://www.tapr.org/directory/info.html
>
> ------------------------------
>
> End of REGIONAL_FREQ Digest 145
> ******************************
All,

I am looking for advice on 2 meter AM frequencies. Are there any
gentlemen's' agreements on 2 meter AM usage?

JKludt
N9ENG

2. Tapr site

From: "Ken Oliver" <knoliver@tcd.net>
Date: Mon, 15 Dec 1997 23:21:23 -0700
To: <regional_freq@tapr.org>
Message-ID: <199712160629.WAA29760@tcd.net>
Rendered body type: text/plain

Wonder if anyone else is having a problem getting
into the Tapr site via ftp? I don,t seem to have any
trouble with another site. Can,t seem to get in to
update info to directoty. Tnx Ken N6KBM

3. Re: [REGIONAL_FREQ:414] Tapr site

From: "Frank R. Aguilar" <Frank.R@Aguilar.net>
Date: Tue, 16 Dec 1997 08:24:55 -0600
To: regional_freq@tapr.org
Message-ID: <34968F36.3DE7B87A@Aguilar.net>
Rendered body type: text/plain

Ken Oliver wrote:

> Wonder if anyone else is having a problem getting
> into the Tapr site via ftp? I don,t seem to have any
> trouble with another site. Can,t seem to get in to
> update info to directoty. Tnx Ken N6KBM

 There was a time when I had all sorts of problems
getting into the TAPR site just like you describe. I
found the problem with our local ISP. When I tried
accessing the site via another provider, the problem
went away.

I've also found that some ftp sites are closed to certain
IP addresses. Case in point, one site which I look to
for programming help does not allow connections from
my ISP but I have no problem from my wife's ISP. This
is problably due to other subscribers having caused that
site problems in the past. I doubt that may be the case
here, but it might be worth mentioning.

Frank, N5SSH
<Frank.R@Aguilar.net>

4. Re: [REGIONAL_FREQ:414] Tapr site

From: ve1aic@iname.com (Ron)
Date: Tue, 16 Dec 1997 20:14:26 -0500 (EST)
To: regional_freq@tapr.org
Message-ID: <199712170114.UAA00146@smtp11.bellglobal.com>
Rendered body type: text/plain

>Wonder if anyone else is having a problem getting
>into the Tapr site via ftp? I don,t seem to have any
>trouble with another site. Can,t seem to get in to
>update info to directoty. Tnx Ken N6KBM
>

Tried ftp here just a few minutes ago and worked fine for me.
73 - Ron VE1AIC

January 1998

Original source file: regional_freq.9801
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1998-01/REGIONAL_FREQ_1998-01.txt

1. Mitrek Frequency Stability

From: "Stephen C. Draper N5SD" <sdraper@ckt.net>
Date: Wed, 07 Jan 1998 17:24:13 +0000
To: regional_freq@tapr.org
Message-ID: <34B3BA3D.537B@ckt.net>
Rendered body type: text/plain

Does anyone have schematics for the Motorola Mitrek Channel Elements?
KXN1088A and KXN1086B ?

I have a Mitrek that drifts around way too much as it warms up.
I know the crystals should have been ordered matched to an element but
this was already done when I got it.

73,
Steve N5SD

---

2. Re: [REGIONAL_FREQ:417] Mitrek Frequency Stability

From: John Ackermann N8UR <jra@febo.com>
Date: Wed, 07 Jan 1998 18:57:01 -0500
To: regional_freq@tapr.org
Message-ID: <199801072357.SAA10274@meow.febo.com>
Rendered body type: text/plain

> Does anyone have schematics for the Motorola Mitrek Channel Elements?
> KXN1088A and KXN1086B ?
>
> I have a Mitrek that drifts around way too much as it warms up.
> I know the crystals should have been ordered matched to an element but
> this was already done when I got it.
>
> 73,
> Steve N5SD

Hi Steve --

I"ve been searching for those schematics without luck -- they don't
seem to be part of the standard Motorola documentation. if you find
'em, could you let me know -- I'd love a copy.

Thanks,

John N8UR (ex-AG9V)
jra@febo.com

---

3. Re: [REGIONAL_FREQ:418] Re: Mitrek Frequency Stability

From: Byron Smith <wa6ylb@theworks.com>
Date: Wed, 07 Jan 1998 16:56:28
To: regional_freq@tapr.org
Message-ID: <3.0.1.16.19980107165628.5f772888@theworks.com>
Rendered body type: text/plain

You should talk with the folks at ICM crystal. THey habla elements.

At 05:58 PM 1/7/98 -0600, you wrote:
>> Does anyone have schematics for the Motorola Mitrek Channel Elements?
>> KXN1088A and KXN1086B ?
>>
>> I have a Mitrek that drifts around way too much as it warms up.
>> I know the crystals should have been ordered matched to an element but
>> this was already done when I got it.
>>
>> 73,
>> Steve N5SD
>
>Hi Steve --
>
>I"ve been searching for those schematics without luck -- they don't
>seem to be part of the standard Motorola documentation. if you find
>'em, could you let me know -- I'd love a copy.

>
>Thanks,
>
>John N8UR (ex-AG9V)
>jra@febo.com
>
>
Byron Smith
wa6ylb@theworks.com - Website: theworks.com/~wa6ylb
wa6ylb@wa6ylb.#cca.ca.usa.noam

Daddy, why doesn't this magnet pick up this floppy disk?

I used to have a handle on life, then it broke...

4. Re: [REGIONAL_FREQ:417] REGIONAL_FREQ digest 150

From: "Russell Oder" <highlandfl@worldnet.att.net>
Date: Wed, 07 Jan 98 21:54:55 PST
To: regional_freq@tapr.org
Message-ID: <MAPI.Id.0016.006967686c616e643030304130303041@MAPI.to.RFC822>
Rendered body type: text/plain

Stephen, if you don't receive the schematic, you might what to do what we did. We sent the channel elements to Internation Crystal in Oklahoma and ordered the crystals and asked that the crystals be installed and the channel element adjusted to put on frequency. It took about 4 weeks but in over 2 years, no drift with operation 24 hours a day 7 days a week.

Good luck.

Russell Oder
e-mail address highlandfl@worldnet.att.net

>
>   REGIONAL_FREQ Digest 150
>
> Topics covered in this issue include:
>
>   1) Mitrek Frequency Stability
>   by "Stephen C. Draper N5SD" <sdraper@ckt.net>
>
> --
>
> Date: Wed, 07 Jan 1998 17:24:13 +0000
> From: "Stephen C. Draper N5SD" <sdraper@ckt.net>
> To: regional_freq@tapr.org
> Subject: Mitrek Frequency Stability
> Message-ID: <34B3BA3D.537B@ckt.net>
>
> Does anyone have schematics for the Motorola Mitrek Channel Elements?
> KXN1088A and KXN1086B ?
>
> I have a Mitrek that drifts around way too much as it warms up.
> I know the crystals should have been ordered matched to an element but
> this was already done when I got it.
>
> 73,
> Steve N5SD
>
>
> ------------------------------
>
> End of REGIONAL_FREQ Digest 150
> ********************************

5. Re: [REGIONAL_FREQ:420] Re: REGIONAL_FREQ digest 150

From: "Travis W Burton KB5ILY" <tburton@pcfa.org>
Date: Thu, 8 Jan 1998 06:56:12 -6
To: regional_freq@tapr.org
Message-ID: <199801080657.AAA07443@wolfden.swsc.k12.ar.us>
Rendered body type: text/plain

Hi Gang.

ICM (as mentioned in another response) and International Crystal
Manurfacturing in Oklahoma City OK (mentioned below by Russell) are the same
company.

ICM's toll free number is 800-725-1426. They do have faster service plans

available in addition to the 4 weeks, but as you know.. `speed costs money,
how fast can you afford?. Either you can supply the elements for them to put
the crystals in or you can buy elements from them. As long as your elements
are in good shape, use them, it's cheaper.

I hope this helps.

On 8 Jan 98 at 0:08, Russell Oder wrote:

> Date: Thu, 8 Jan 1998 00:08:16 -0600 (CST)
> Reply-to: regional_freq@tapr.org
> From: "Russell Oder" <highlandfl@worldnet.att.net>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:420] Re: REGIONAL_FREQ digest 150

> Stephen, if you don't receive the schematic, you might what to do what we did.
> We sent the channel elements to Internation Crystal in Oklahoma and ordered
> the crystals and asked that the crystals be installed and the channel element
> adjusted to put on frequency. It took about 4 weeks but in over 2 years, no
> drift with operation 24 hours a day 7 days a week.
>
> Good luck.
>
> Russell Oder
> e-mail address highlandfl@worldnet.att.net
>
> ----------
> >
> >   REGIONAL_FREQ Digest 150
> >
> > Topics covered in this issue include:
> >
> >   1) Mitrek Frequency Stability
> >   by "Stephen C. Draper N5SD" <sdraper@ckt.net>
> >
> > --
> >
> > Date: Wed, 07 Jan 1998 17:24:13 +0000
> > From: "Stephen C. Draper N5SD" <sdraper@ckt.net>
> > To: regional_freq@tapr.org
> > Subject: Mitrek Frequency Stability
> > Message-ID: <34B3BA3D.537B@ckt.net>
> >
> > Does anyone have schematics for the Motorola Mitrek Channel Elements?
> > KXN1088A and KXN1086B ?
> >
> > I have a Mitrek that drifts around way too much as it warms up.
> > I know the crystals should have been ordered matched to an element but
> > this was already done when I got it.
> >
> > 73,
> > Steve N5SD
> >
> >
> > ------------------------------
> >
> > End of REGIONAL_FREQ Digest 150
> > ********************************
>
>

            73 De Travis W. Burton, KB5ILY
    Communications & Warning Officer, Nevada County OES
           Assistant Administrator, pcfa.org
  Amateur Packet Radio: KB5ILY @ KB5ILY.SWAR.AR.USA.NOAM
Internet: mailto:tburton@pcfa.org OR mailto:kb5ily@amsat.org
             WWW: http://pcfa.org/~tburton/
        GOD BLESS THE UNITED STATES of AMERICA

6. Re: [REGIONAL_FREQ:417] Mitrek Frequency Stability

From: "Joe S. Borovetz" <wa5vms@tapr.org>
Date: Thu, 08 Jan 1998 06:58:56 -0600
To: regional_freq@tapr.org
Message-ID: <3.0.32.19980108065851.00ac3260@tapr.org>
Rendered body type: text/plain

Steve

Over the past ten years, I have re-crystalled a number of channel elements

for RCA and Motorola radios.

These radios were used in 9600 baud packet service.

I ALWAYS order crystals from ICM. I know people that favor some of the
other crystal manufacturers but ICM is the only house that has provided
quality crystals that STAY on freq.

It is possible for ICM to have some problems.

In early 1988, I ordered several sets of RCA 700 crystals(to be installed
in elements).

For the next 8 months, I chased the freq on these radios until they would
not "net" to the correct freq.

I called ICM and sure enough they had a problem during that time frame.

New crystals were sent, no questions asked.

Many of these radios are installed in the 9600 baud backbone of the Texnet
network in both Oklahoma and Texas.

The network continues to work day in and day out. We do have to touch up
freq every couple of years but this is normal drift, not excessive drift
like you mentioned.

One last thought, do not overlook the possibility that your channel
elements may have a problem.

I have not done as many Mitreks as I have Micors but I do run across a bad
element from time to time.

Joe

At 05:26 PM 1/7/98 -0600, you wrote:
>Does anyone have schematics for the Motorola Mitrek Channel Elements?
>KXN1088A and KXN1086B ?
>
>I have a Mitrek that drifts around way too much as it warms up.
>I know the crystals should have been ordered matched to an element but
>this was already done when I got it.
>
>73,
>Steve N5SD
>
>
>

7. Joe, help!

From: no@spam.net
Date: Thu, 08 Jan 1942 14:00:26 -0400
To: regional_freq@tapr.org
Message-ID: <CB5F5B39.1CBB@spam.net>
Rendered body type: text/plain

Joe Borovetz

I read your comments to Steve. Please drop me a line. I need help with
some RCA radios.

Tony_aa8ei@eos.net

8. Re: [REGIONAL_FREQ:422] Re: Mitrek Frequency Stability

From: "Rich Hallman N7TR" <n7tr@rnodx.org>
Date: Thu, 8 Jan 1998 11:51:59 -0800
To: <regional_freq@tapr.org>
Message-ID: <000e01bd1c6e$e6436a40$0a5d9b8f@rich-1>
Rendered body type: text/plain

>Many of these radios are installed in the 9600 baud backbone of the Texnet
>network in both Oklahoma and Texas.
>
>The network continues to work day in and day out. We do have to touch up
>freq every couple of years but this is normal drift, not excessive drift
>like you mentioned.

Sure wish I lived in WARM Texas!!! ha   I have just developed a Problem that my Micor after 2 years NOW drifts off freq when the temp hits 15 degrees or below...Past two years its been solid at 9600 baud....Guess when the 6 ft of snow is gone Ill look into getting new Xtals and Channel Elements.....Hope we have a WARM winter here in Reno!!

     See Ya!   Rich N7TR Reno

9. Re: [REGIONAL_FREQ:424] REGIONAL_FREQ digest 151

From: "kb2txp" <kb2txp@spacetech.com>
Date: Thu, 8 Jan 1998 18:53:44 -0500
To: <regional_freq@tapr.org>
Message-ID: <000701bd1c90$a83732a0$82c014d0@p233>
Rendered body type: text/plain

Try looking into using GE Phoenix SE's for 440 9.6k links. We have used them thru out the Western NY areas over the past two years with Very Good results! (Ice on the beams being the only exception) If anyone would like the nessesary mods and sources for the equip., please feel free to drop ME a note..

73, Mark / KB2TXP
kb2txp@kb2txp.#wny.ny.usa.noam
kb2txp@spacetech.com

February 1998

Original source file: regional_freq.9802
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1998-02/REGIONAL_FREQ_1998-02.txt

1. TAPR CD-ROM & NADSD

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Wed, 25 Feb 1998 10:53:56 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0313030db119fceb93cd@[207.43.172.66]>
Rendered body type: text/plain

If you have new data for the system, be sure to get it uploaded in the next
week or so. I plan on grabbing the NADSD as the last thing I do for the
TAPR CD-ROM, which is gaining closure before pressing.

Cheers - Greg

Greg Jones, WD5IVD   Austin, Texas
wd5ivd@tapr.org   ICQ: 8651948
http://www.tapr.org/~wd5ivd

Experience is what you get when you were expecting something else.

2. RE: [REGIONAL_FREQ:426] TAPR CD-ROM & NADSD

From: Rod Fan <rod@vectorlink.com>
Date: Wed, 25 Feb 1998 09:23:44 -0800
To: "'regional_freq@tapr.org'" <regional_freq@tapr.org>
Message-ID: <01BD41CF.12483640@fan-club.vectorlink.com>
Rendered body type: text/plain

Does this information help you:
http://www.vectorlink.com
I like to gether ideas which we can implement into our next product.
Rod

From: Greg Jones, WD5IVD[SMTP:wd5ivd@tapr.org]
Sent: Wednesday, February 25, 1998 9:07 AM
To: regional_freq@tapr.org
Subject: [REGIONAL_FREQ:426] TAPR CD-ROM & NADSD

If you have new data for the system, be sure to get it uploaded in the next
week or so. I plan on grabbing the NADSD as the last thing I do for the
TAPR CD-ROM, which is gaining closure before pressing.

Cheers - Greg

Greg Jones, WD5IVD   Austin, Texas
wd5ivd@tapr.org   ICQ: 8651948
http://www.tapr.org/~wd5ivd

Experience is what you get when you were expecting something else.

March 1998

Original source file: regional_freq.9803
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1998-03/REGIONAL_FREQ_1998-03.txt

1. NADSD POC Change

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 5 Mar 1998 16:13:56 -0600
To: TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v03130346b124d38179ab@[207.43.172.66]>
Rendered body type: text/plain

Carl Estey, WA0CQG, due to several new areas of focus in his life is
stepping down as Point of Contact for the NADSD. Carl was one of the main
people resonpsible for intigating the creation of the system and we wish
Carl the best of luck with his new studies and direction. Hopefully we
will see him back on-line in the future.

As of this week, the new contact the NADSD focal point will be Frank
Aguilar, N5SSH. Frank can be reached at n5ssh@tapr.org.

If you have any questions or comments, they should be directed towards Frank.

Welcome Frank!

Cheers - Greg

Greg Jones, WD5IVD   Austin, Texas
wd5ivd@tapr.org   http://www.tapr.org/~wd5ivd

"Even if you're on the right track, you'll get run over if you just sit
there."
               -- Will Rogers

2. Test: Delete

From: "APRS Freq List Manager" <aprs-freq@tapr.org>
Date: Sat, 7 Mar 1998 14:19:38 +0000
To: regional_freq@tapr.org
Message-ID: <199803071920.OAA20489@mail.mia.bellsouth.net>
Rendered body type: text/plain

Test
Reply to: aprs-freq@tapr.org
APRS Digi Database Info

3. Re: [REGIONAL_FREQ:429] Test: Delete

From: n1dhw@ix.netcom.com
Date: Sat, 07 Mar 1998 14:50:23 -0500
To: regional_freq@tapr.org
Message-ID: <3501A500.7A5@ix.netcom.com>
Rendered body type: text/plain

test reply:N1DHW

4. Re: [REGIONAL_FREQ:430] Re: Test: Delete

From: PIOrtiz1 <PIOrtiz1@aol.com>
Date: Sun, 8 Mar 1998 00:18:24 EST
To: regional_freq@tapr.org
Message-ID: <9490cb26.35022a22@aol.com>
Rendered body type: text/plain

test reply

5. Re: [REGIONAL_FREQ:431] Re: Test: Delete

From: Ralph Driver <mail.carol.net@carol.net>
Date: Sun, 08 Mar 1998 18:16:16 -0600
To: regional_freq@tapr.org
Message-ID: <3.0.5.32.19980308181616.00798bd0@mail.carol.net>
Rendered body type: text/plain

At 11:23 PM 3/7/98 -0600, you wrote:
>test reply
>
>test confirmation

6. Re: [REGIONAL_FREQ:430] Re: Test: Delete

From: Ralph Driver <mail.carol.net@carol.net>
Date: Sun, 08 Mar 1998 18:15:05 -0600
To: regional_freq@tapr.org
Message-ID: <3.0.5.32.19980308181505.007a71a0@mail.carol.net>
Rendered body type: text/plain

At 01:53 PM 3/7/98 -0600, you wrote:
>test reply:N1DHW
>
>test confirmation

7. Re: [REGIONAL_FREQ:429] Test: Delete

From: Ralph Driver <mail.carol.net@carol.net>
Date: Sun, 08 Mar 1998 18:14:27 -0600
To: regional_freq@tapr.org
Message-ID: <3.0.5.32.19980308181427.0079cd80@mail.carol.net>
Rendered body type: text/plain

At 01:22 PM 3/7/98 -0600, you wrote:
>Test
>Reply to: aprs-freq@tapr.org
>APRS Digi Database Info
>
>
Test confirmation

8. Re: [REGIONAL_FREQ:430] Re: Test: Delete

From: "Mike Rafferty" <mraff@zoomnet.net>
Date: Sun, 8 Mar 1998 23:18:23 +0000
To: regional_freq@tapr.org
Message-ID: <199803082318.SAA05120@mail.zoomnet.net>
Rendered body type: text/plain

> Date: Sat, 7 Mar 1998 13:53:45 -0600 (CST)
> Reply-to: regional_freq@tapr.org
> From: n1dhw@ix.netcom.com
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:430] Re: Test: Delete

> test reply:N1DHW
>
>

Hello.................

9. Re: [REGIONAL_FREQ:431] Re: Test: Delete

From: "Mike Rafferty" <mraff@zoomnet.net>
Date: Sun, 8 Mar 1998 23:18:23 +0000
To: regional_freq@tapr.org
Message-ID: <199803082318.SAA05115@mail.zoomnet.net>
Rendered body type: text/plain

> Date: Sat, 7 Mar 1998 23:23:43 -0600 (CST)
> Reply-to: regional_freq@tapr.org
> From: PIOrtiz1 <PIOrtiz1@aol.com>
> To: regional_freq@tapr.org
> Subject: [REGIONAL_FREQ:431] Re: Test: Delete

> test reply
>
>

Hello..............................

10. Re: [REGIONAL_FREQ:435] Re: Test: Delete

From: "Ron Jackson (N7NEI)" <n7nei@sea.wagate.com>
Date: Sun, 8 Mar 1998 17:27:03 -0800 (PST)
To: regional_freq@tapr.org
Message-ID: <Pine.LNX.3.95.980308172643.9270A-100000@sea.wagate.com>
Rendered body type: text/plain

On Sun, 8 Mar 1998, Mike Rafferty wrote:

> > Date: Sat, 7 Mar 1998 13:53:45 -0600 (CST)
> > Reply-to: regional_freq@tapr.org
> > From: n1dhw@ix.netcom.com
> > To: regional_freq@tapr.org

> > Subject: [REGIONAL_FREQ:430] Re: Test: Delete
>
> > test reply:N1DHW
> >
> >
>
> Hello.................
>

Are we having trouble? :-)

Ron Jackson n7nei@n7nei.ampr.org. n7nei@sea.wagate.com.
http://www.wagate.com.

11. TAPR APRS Freq Database

From: "APRS Freq List Manager" <aprs-freq@tapr.org>
Date: Sat, 14 Mar 1998 10:02:41 +0000
To: aprssig@tapr.org
Cc: aprs-fl@tapr.org, mic-E@tapr.org, regional_freq@tapr.org
Message-ID: <199803141503.KAA21010@mail.mia.bellsouth.net>
Rendered body type: text/plain

In conjunction with all the current QSY efforts and future frequency changes TAPR is compiling a list of VHF APRS frequencies for North America

We are requesting the assistance of all APRS digi owners or sysops to submit the following information for compiling into the NADSD web page. This information will be used to monitor the progress of the frequency change and to assist in any further research on the subject in the near future. The following information is requested to be sent to in this format

aprs-freq@tapr.org
subject line please insert
aprs-freq (STATE)

Body of message:

Digi callsign with SSID
Current frequency
State
Municipality
Lat/Long in d/m
Contact Name
Contact Callsign
e-mail address
Yes or No for QSY to 144.39
QSY date intended

Reply to: aprs-freq@tapr.org
APRS Digi Database Info

12. Test-delete, please

From: PropNET <PropNET@greeceny.com>
Date: Fri, 27 Mar 1998 10:14:36 -0500
To: _APRS Listserve <aprssig@tapr.org>,
        _TAPR Freq Coord Listserve <regional_freq@tapr.org>,
        _TAPR HF Listserve <hfsig@tapr.org>
Message-ID: <351BC25C.61071ACB@greeceny.com>
Rendered body type: text/plain

Just testing 'cause I changed e-mail addresses, un-subscribed on the first, and re-subscribed on the second...with no traffic so far.
geez...some people can be so impatient :o)

April 1998

Original source file: regional_freq.9804
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1998-04/REGIONAL_FREQ_1998-04.txt

1. 10-Meter FM Digital "Channels"?

```
From: PropNET <PropNET@greeceny.com>
Date: Thu, 30 Apr 1998 09:34:35 -0400
To: _APRS Listserve <aprssig@tapr.org>,
        _TAPR Freq Coord Listserve <regional_freq@tapr.org>
Message-ID: <35487DEA.7F194365@greeceny.com>
Rendered body type: text/plain
```

I'm interested in understanding the "layout" of the 10-meter FM
sub-band. Is there an area (in frequency) that may be used for FM-based
packet data-services?

May 1998

Original source file: regional_freq.9805
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1998-05/REGIONAL_FREQ_1998-05.txt

1. Dayton 1998 TAPR Digital Forum and Pack*Bash

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Sat, 2 May 1998 10:54:47 -0500
To: "HF SIG  list   mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>,
        " TAPR/AMSAT DSP "<dsp@tapr.org>,
        "APRS SIG  list   mailing"<aprssig@tapr.org>,
        "NETSIG  list   mailing"<netsig@tapr.org>,
        "BBS SIG  list   mailing"<bbssig@tapr.org>,
        " tacgps "<tacgps@tapr.org>, aprsnews@tapr.org, mic-e@tapr.org,
        TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v04003a02b170efeb4e04@[207.8.125.50]>
Rendered body type: text/plain
```

Dayton 1998 TAPR Digital Forum and PACK*BASH

Dayton Hamvention will be here later this month. Just as a reminder, the
TAPR Digital Forum is on Friday and this year starts much earlier than in
years past. In addition, the PacketBASH banquet will be held on Friday
night.

If you haven't been to Dayton before, you should think about coming this
year. The dates for this year are May 15th - 17th. Check out the web page
http://www.tapr.org/tapr/html/dayton.html for any last minute changes in
the schedule.

The schedule for the TAPR digital forum on Friday is:

10:00 - 10:05am (5 min)
        Introduction to Forum
        John Ackermann, N8UR

10:05 - 10:25am (20 min)
        TAPR Kit/Project/Organizational Update - Greg Jones , WD5IVD
        TAPR Update and discussion on current activities.

10:25 - 10:45am (20 min)
        Regulatory Issues - Dewayne Hendricks, WA8DZP
        Update on Regulatory Issues related to Digital activity.

10:45 - 11:30am (45 min)
        TAPR 900Mhz FHSS Radio Project
        Tom McDermott, N5EG / Greg Jones, WD5IVD
        Latest Information on Status and design of 900Mhz FHSS Radio Design.

11:30 - 12:15pm (45 min)
        GPS Projects - Steve Bible, N7HPR / Tom Clark, W3IWI
        TAPR has introduced several GPS related items in the last year.
        DGPS, GPS Interface boards, TAC-2, Future TOC add-on, etc

12:15 - 12:30pm (15 min)
        Break

12:30 - 1:00pm (30 min)
        Linux AX.25 - John Ackermann, N8UR
        Making AX.25 play on Linux

1:00pm - 1:45pm (60 min)
        APRS SIG and APRS Update
        Stan Horzepa, WA1LOU, APRS SIG Chair with the APRS Authors
        SIG meeting discussing current and future activities in APRS.

PACK*BASH and TAPR Banquet

Attending the 1998 Dayton Hamvention? Then don't miss out on PACK*BASH and
TAPR Banquet.

What?
        An event for the digitally-inclined ham, featuring:

```
                *  Buffet dinner
                *  Speaker Doug McKinney, KC3RL
                      discussing GPS and his Bouy projects in the Pacific
                *  TAPR special interest group meetings
                *  Prize Drawing!

When?
        Friday evening, May 15, 1998
        Doors open at 7:00 pm; dinner served at 7:30 pm
        Speaker and meetings after dinner


Where?
        NCR "Sugarcamp" Conference Center, 101 W. Schantz Ave. --
        South of downtown Dayton, just west of Main St. (Rt 48).
        Maps available on the TAPR web site or at the TAPR booth.
        (http://www.tapr.org/tapr/html/dayton.html)


How?
        Dinner requires advance registration and payment through TAPR.
        Tickets will be available at the TAPR booth on Friday, though
        we strongly encourage registration <before> Hamvention.  The cost
        is $20.00 per person, tax and tip included.

        All amateurs are welcome to attend, enjoy the speaker, and
        participate in the meetings, although only those purchasing a
        dinner can eat.

        To register, contact:
                PACK*BASH
                c/o TAPR
                8987-309 E. Tanque Verde Road #337
                Tucson, AZ   85749-9399

                Phone: (940) 383-0000
                Fax: (940) 566-2544
                Internet: tapr@tapr.org

                Visa/Mastercard Accepted

Who?
        PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet
        Radio, the national leader in digital communication -- and the
        Miami Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to
http://www.tapr.org/tapr/html/dayton.html, or send e-mail to
tapr@tapr.org. You can request information via packet radio at
BASH@N8ACV.#DAY.OH.USA.NOAM.




--------------------------------------------------------------------------------
Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399
--------------------------------------------------------------------------------
e-mail: tapr@tapr.org       web: <http://www.tapr.org/>
ftp:    ftp.tapr.org
phone:  940-383-0000        fax: 940-565-2544
--------------------------------------------------------------------------------
```

2. Re: [REGIONAL_FREQ:441] Dayton 1998 TAPR Digital Forum and Pack*Bash

```
From: Jeff Simpson <cotton22@iamerica.net>
Date: Tue, 05 May 1998 12:19:32 -0500
To: regional_freq@tapr.org
Message-ID: <354F4A24.4AE7@iamerica.net>
Rendered body type: text/plain
```

Greg Jones, WD5IVD wrote:

```
>
> Dayton 1998 TAPR Digital Forum and PACK*BASH
>
> Dayton Hamvention will be here later this month.  Just as a reminder, the
> TAPR Digital Forum is on Friday and this year starts much earlier than in
> years past.  In addition, the PacketBASH banquet will be held on Friday
> night.
>
```

> If you haven't been to Dayton before, you should think about coming this
> year. The dates for this year are May 15th - 17th. Check out the web page
> http://www.tapr.org/tapr/html/dayton.html for any last minute changes in
> the schedule.
>
> The schedule for the TAPR digital forum on Friday is:
>
> 10:00 - 10:05am (5 min)
>   Introduction to Forum
>   John Ackermann, N8UR
>
> 10:05 - 10:25am (20 min)
>   TAPR Kit/Project/Organizational Update - Greg Jones , WD5IVD
>   TAPR Update and discussion on current activities.
>
> 10:25 - 10:45am (20 min)
>   Regulatory Issues - Dewayne Hendricks, WA8DZP
>   Update on Regulatory Issues related to Digital activity.
>
> 10:45 - 11:30am (45 min)
>   TAPR 900Mhz FHSS Radio Project
>   Tom McDermott, N5EG / Greg Jones, WD5IVD
>   Latest Information on Status and design of 900Mhz FHSS Radio Design.
>
> 11:30 - 12:15pm (45 min)
>   GPS Projects - Steve Bible, N7HPR / Tom Clark, W3IWI
>   TAPR has introduced several GPS related items in the last year.
>   DGPS, GPS Interface boards, TAC-2, Future TOC add-on, etc
>
> 12:15 - 12:30pm (15 min)
>   Break
>
> 12:30 - 1:00pm (30 min)
>   Linux AX.25 - John Ackermann, N8UR
>   Making AX.25 play on Linux
>
> 1:00pm - 1:45pm (60 min)
>   APRS SIG and APRS Update
>   Stan Horzepa, WA1LOU, APRS SIG Chair with the APRS Authors
>   SIG meeting discussing current and future activities in APRS.
>
> --
>
> PACK*BASH and TAPR Banquet
>
> Attending the 1998 Dayton Hamvention? Then don't miss out on PACK*BASH and
> TAPR Banquet.
>
> What?
>   An event for the digitally-inclined ham, featuring:
>   * Buffet dinner
>   * Speaker Doug McKinney, KC3RL
>   discussing GPS and his Bouy projects in the Pacific
>   * TAPR special interest group meetings
>   * Prize Drawing!
>
> When?
>   Friday evening, May 15, 1998
>   Doors open at 7:00 pm; dinner served at 7:30 pm
>   Speaker and meetings after dinner
>
> Where?
>   NCR "Sugarcamp" Conference Center, 101 W. Schantz Ave. --
>   South of downtown Dayton, just west of Main St. (Rt 48).
>   Maps available on the TAPR web site or at the TAPR booth.
>   (http://www.tapr.org/tapr/html/dayton.html)
>
> How?
>   Dinner requires advance registration and payment through TAPR.
>   Tickets will be available at the TAPR booth on Friday, though
>   we strongly encourage registration <before> Hamvention. The cost
>   is $20.00 per person, tax and tip included.
>
>   All amateurs are welcome to attend, enjoy the speaker, and
>   participate in the meetings, although only those purchasing a
>   dinner can eat.
>
>   To register, contact:
>   PACK*BASH

```
>                 c/o TAPR
>                 8987-309 E. Tanque Verde Road #337
>                 Tucson, AZ   85749-9399
>
>                 Phone: (940) 383-0000
>                 Fax: (940) 566-2544
>                 Internet: tapr@tapr.org
>
>                 Visa/Mastercard Accepted
>
> Who?
>         PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet
>         Radio, the national leader in digital communication -- and the
>         Miami Valley FM Association, Dayton's packet radio club.
>
> For more information (including maps), go to
> http://www.tapr.org/tapr/html/dayton.html, or send e-mail to
> tapr@tapr.org. You can request information via packet radio at
> BASH@N8ACV.#DAY.OH.USA.NOAM.
>
> ------------------------------------------------------------------------
> Tucson Amateur Packet Radio
> 8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399
> ------------------------------------------------------------------------
> e-mail: tapr@tapr.org       web: <http://www.tapr.org/>
> ftp:    ftp.tapr.org
> phone:  940-383-0000        fax: 940-565-2544
> ------------------------------------------------------------------------
please change my email address to kb5ojr@aol.com
thanks..
```

3. I Have Dayton Hotel Rooms Available

```
From: WB9QZB <WB9QZB@aol.com>
Date: Thu, 7 May 1998 10:33:56 EDT
To: regional_freq@tapr.org
Message-ID: <b885cc38.3551c655@aol.com>
Rendered body type: text/plain
```

Coordinators -

Everyone year I reserve a block of 10 rooms at a suite hotel in Dayton. I still have about 4 rooms left this year unused that I'm going to turn in on Friday if no one takes them. So if you or anyone you know still needs a room drop me an email or leave me a message at 312-590-2326.

See you in Dayton!!

73, Mark, WB9QZB
NIPRFC (Northern Illinois Packet Radio Frequency Council)

4. Dayton Flea Market Spots Available

```
From: WB9QZB <WB9QZB@aol.com>
Date: Mon, 11 May 1998 09:57:12 EDT
To: coordinator@cs.tamu.edu, regional_freq@tapr.org
Message-ID: <4450605e.355703b9@aol.com>
Rendered body type: text/plain
```

Coordinators -

Although I will be at Dayton I have a set of 2 flea market spots that I don't fully need to use this year. If you're interested in using them contact me ASAP. You can reach me during the day at 847-774-2937 or drop me an email.

73, Mark, WB9QZB

5. 1998 ARRL and TAPR Digital Communications Conference

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Sun, 31 May 1998 14:10:14 -0500
To: "HF SIG  list   mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>,
        " TAPR/AMSAT DSP "<dsp@tapr.org>,
        "APRS SIG  list   mailing"<aprssig@tapr.org>,
        "NETSIG  list   mailing"<netsig@tapr.org>,
        "BBS SIG  list   mailing"<bbssig@tapr.org>,
        " tacgps "<tacgps@tapr.org>, aprsnews@tapr.org, mic-e@tapr.org,
        TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v04003a01b1975b5f40bd@[207.8.125.50]>
Rendered body type: text/plain
```

1998 ARRL and TAPR Digital Communications Conference
September 25-27, 1998
Chicago, Illinois (minutes from O'Hare Airport)

Web: http://www.tapr.org/dcc

It's that time again! Mark your calendar and think about what to publish for the upcoming 17th Annual ARRL and TAPR Digital Communications Conference. This is the third year in which the ARRL Digital Communications Conference and TAPR Annual General Meeting are joined into one conference!

The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs in digital communications, networking, and related technologies, who meet, publish their work, and present new ideas and techniques for discussion. Presenters and attendees have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications. The Digital Communications Conference is not just for the digital expert, but for digitally-oriented amateurs at all levels of expertise.

The 1998 ARRL and TAPR Digital Communications Conference will be held September 25-27, 1998, in Chicago, Illinois. This year's conference location is the Holiday Inn Rolling Meadows, just minutes from O'Hare Airport.

Not only is the Digital Communications Conference technically stimulating, it is a weekend of fun for all who have more than a casual interest in any of the ham digital communications modes. This includes APRS operators, digital networks, software writers, modem designers, and digital satellite enthusiasts. The ARRL and TAPR Digital Communications Conference is for all levels of digital operators -- a must conference to attend to become active on a national level. Now, more than ever, amateur radio needs this great meeting of the minds because it is important that we demonstrate a continued need for the frequency allocations we have by pushing forward and documenting our achievements. The ARRL and TAPR Digital Communications Conference is one of the few ways to record our accomplishments and challenge each other to do more.

A Conference for the Beginner, Too

The conference is not just for the digital expert. This year's conference again provides multiple session tracks for beginning, intermediate, and advanced presentations on selected topics in digital communications. Topics will include APRS, satellite communications, TCP/IP, digital radio, Spread Spectrum, and many others. Come to the conference and hear these topics presented by the experts! Don't miss this opportunity to listen and talk to others in these areas.

Symposia and Seminars

In addition to the presentation of papers on Saturday, three symposia/seminars will be held. These sessions are provided to allow those with additional time and interest to make the most of the Digital Communications Conference. For those who may have interest in just one symposium or seminar, registration for the conference is not required to attend these activities. This allows maximum flexibility for those who may want to participate during the Digital Communications Conference, but do not have an entire weekend to devote to the event.

The Second APRS National Symposium will be held on Friday and will be moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely include many APRS software authors, such as Bob Bruninga, WB4APR (the father of APRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPLUS), and other nationally-known APRS leaders. Join this group for the afternoon and evening for in-depth discussions and presentations on the current and future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

Starting late Friday afternoon, a half-day seminar titled "Infrastructureless Technologies in Amateur Radio," presented by Don Lemke,

WB9MJN, will cover the pros and cons of DDMA (directivity division multiple access, a proposed infrastructureless technigue) versus hubbed (cellular style) and other infrastructure dependant techniques, the basic problem of megabaud rate communications into the ham QTH, and some techniques for channel-area acquisition including full duplex/asynchronous versus simplex/synchronous radio/acquisition concepts. This seminar will start late enough on Friday afternoon to allow those flying that day to attend the seminar.

The Sunday morning seminar will be a combination of two different talks that will make one excellent seminar. The first presentation, by Lyle Johnson, WA7GXD, will focus on the upcoming RUDAK digital communications system scheduled to fly on the AMSAT Phase 3D satellite in the near future. Lyle will discuss features, systems design, integration, and experiments. The goal of the presentation is to zero in on the communications capabilities of RUDAK, the performance to be expected from the 153k6 PSK system, the limitations and capacities of the DSP modems, user requirements for receiving RUDAK, requirements for transmitting to RUDAK, and how amateurs can work to make ground operations a reality once the satellite is in operation. Information on how to submit a proposal for experimental time on RUDAK will be presented. The second presentation will be by Tim Shepard, KD1KY, regarding "Packet Radio Networks with Millions or Billions of Stations." This talk will present concepts and materials that make you think about different possibilities of networking in the future. Both Lyle's and Tim's presentations focus on different aspects of future digital communications possibilities.

Third Annual ARRL and TAPR DCC Student Papers Award

ARRL and TAPR especially welcome papers from full-time students to compete for the third annual student papers award. Two $500 travel awards may be given, one in each of the following categories: a) best technical/theory-oriented paper by a student, and b) best educational or community-oriented application paper by a student. The paper should relate directly to a wireless digital communication topic (see the guidelines for more information). Papers co-authored by educators or telecommunications professionals are also eligible for this award as long as a student is the first author. The deadline for receipt of finished student paper manuscript is June 20, 1998. Please note that this deadline is different from the general conference paper submission date. For full details and paper guidelines contact TAPR or browse to http://www.tapr.org/dcc.

Call for Conference Proceeding Papers

Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the conference is not required for publication. The primary purpose of the conference is to communicate ideas and techniques regarding digital communications. Papers written in an informal style are welcome, as well as those written to academic standards. If you know of someone who is doing great things with digital communications, be sure to tell them about this! Papers are due by August 15, 1998, and should be submitted to Maty Weinberg, ARRL, 225 Main Street, Newington, CT 06111, or via e-mail to lweinberg@arrl.org. The paper submission guidelines are available on-line (http://www.tapr.org/dcc).

Local/International Co-Host

The 1998 ARRL and TAPR Digital Communications Conference will be co-hosted by Chicago Amateur Packet Radio Association (CAPRA). CAPRA is one of the oldest packet radio groups in the US. It focuses on education about amateur packet radio, coordination of joint efforts of hams interested in packet radio, and technical and equipment support for a sound packet network in the Chicago area. They have had high-speed packet networks operational since the mid-1980s. Visit the CAPRA Web site at http://www.imaxx.net/capra for more information.

PRUG (Packet Radio User Group of Japan) will be the first International co-host of the ARRL and TAPR Digital Communications Conference. The conference is proud to welcome PRUG as part of the conference. PRUG will be hosting an informal social Friday evening after the seminar and symposium are completed. Visit http://www.prug.or.jp for more information about the organization.

What can you expect during the 1998 ARRL and TAPR Digital Communications Conference?

* A full day of papers, breakout sessions, and selected topics on Saturday for the beginner to advanced amateur digital enthusiast.

* Three seminars/symposia
  Friday (1 PM)
  - Second Annual APRS National Symposium,
    moderated by Steve Dimse, K4HG

  Friday (3 PM)
  - Infrastructure Technologies in Amateur Radio
    conducted by Don Lemke, WB9MJN

  Sunday (8:30 AM)
  - RUDAK Future Operations and Experimentations
    by Lyle Johnson, WA7GXD
  - Packet Radio Networks with Millions or Billions of Stations
    by Tim Shepard, KD1KY

* Third Annual Student Paper Awards.

* TAPR Membership Meeting

* A banquet with special guest speaker Steve Roberts, N4RVE, of Nomadic Research Labs. Creator of the Winnebiko and Behemoth high-tech recumbent bicycles. His current project is focused on Microship technology (http://www.microship.com/).

* SIGs (Special Interest Groups) get-togethers on Saturday, following the banquet

* Informal get-togethers throughout the weekend

* A facility that is perfect for this type of conference

* Informal engineering discussions/demonstration areas

* Motorola Museum located in the area.

* An event at which the most important new developments in amateur digital communications are announced

* Digital 'movers and shakers' from all over the world in attendance

---

Conclusion

If you have attended a Digital Communications Conference in the past, remember how much fun it was discussing the latest developments into the wee hours! If you have never been to a Digital Communications Conference, then make your plans now to attend and find out how much fun they can be.

There are few activities where your participation can be so much fun and so important! You will be able to get together with colleagues from all over the world and bring each other up to date on your latest work. Experience all this and more for an unforgettable weekend of ham radio and digital communications. Make your travel and lodging arrangements now. We hope to see you at the ARRL and TAPR Digital Communications Conference, September 25-27!

Full information on the conference and hotel information can be obtained by contacting Tucson Amateur Packet Radio, 8987-309 E. Tanque Verde Road #337, Tucson, AZ 85749-9399, phone 940-383-0000, fax 940-566-2544, e-mail tapr@tapr.org, browse www.tapr.org/dcc.

Sincerely,

Steve Ford, WB8IMY, ARRL Conference Co-Chair
Greg Jones, WD5IVD, TAPR Conference Co-Chair
Steve Stroh, N8GNJ, Conference Manager
Mark J. Thompson, WB9QZB, Local Host Liaison
Carl Bergstedt, K9VXW, Local Host Liaison

Note: If you need conference handouts or flyers for ham club meetings, contact TAPR to get what you need!

Hotel Information

Conference presentations, meetings, and seminars will be held at the Holiday Inn Rolling Meadows. Special DCC rooms rates are $85 per night. When making reservations with the hotel, be sure to indicate you are attending the ARRL and TAPR DCC in order to get the discount. It is highly recommended that you book your room prior to arriving. A block of 75 rooms is reserved until August 31, 1998. After the 75 rooms are booked, rooms will only be available in nearby hotels, so be sure to book your rooms early! The hotel provides transportation to and from O'Hare Airport. Please contact the hotel to arrange specific transportation needs.

Holiday Inn Rolling Meadows (conference hotel)
3405 Algonquin Rd
Rolling Meadows, IL 60008
Phone 847-259-5000, fax 847-259-0597

Registration

Contact the TAPR office by phone, fax, or e-mail (numbers and addresses are above) to register or for additional meeting information. MasterCard and VISA are accepted.

- Preregistration (before Sept 1): $42.00 *

- Late registration or at door: $47.00 *

* - Conference registration includes Conference Proceedings, Saturday sessions/meetings, and lunch.

- Saturday Evening Dinner (limited space): $20.00 **

** - Includes dinner, speaker, prize drawing

Seminar/symposia

Note: You do not have to be registered for the conference to attend one or more of the seminars/symposia.

- Friday, 1-8 PM, Second Annual APRS National Symposium (full day)

Registration: $25***

- Friday 3-7 PM, Infrastructure Technologies in Amateur Radio, conducted by Don Lemke, WB9MJN

Registration: $15***

Sunday 8:30-11 AM and 11:30 AM-2 PM, RUDAK Future Operations and Experimentations by Lyle Johnson, WA7GXD, and Packet Radio Networks with Millions or Billions of Stations by Tim Shepard, KD1KY

Registration $20***

*** Cost of seminar or symposium includes the cost of handout materials.

Contact TAPR to register for the DCC:

Tucson Amateur Packet Radio
8987-309 E. Tanque Verde Road #337
Tucson, AZ 85749-9399.
phone 940-383-0000, fax 940-566-2544
e-mail tapr@tapr.org, browse http://www.tapr.org

June 1998

Original source file: regional_freq.9806
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1998-06/REGIONAL_FREQ_1998-06.txt

1. Re: [REGIONAL_FREQ:445] 1998 ARRL and TAPR Digital Communications Conference

From: Jeff Simpson <cotton22@iamerica.net>
Date: Tue, 02 Jun 1998 09:48:13 -0500
To: regional_freq@tapr.org
Message-ID: <357410AD.6427@iamerica.net>
Rendered body type: text/plain

Greg Jones, WD5IVD wrote:
>
> 1998 ARRL and TAPR Digital Communications Conference
> September 25-27, 1998
> Chicago, Illinois (minutes from O'Hare Airport)
>
> Web: http://www.tapr.org/dcc
>
> -----
>
> It's that time again! Mark your calendar and think about what to publish
> for the upcoming 17th Annual ARRL and TAPR Digital Communications
> Conference. This is the third year in which the ARRL Digital
> Communications Conference and TAPR Annual General Meeting are joined into
> one conference!
>
> The ARRL and TAPR Digital Communications Conference is an international
> forum for radio amateurs in digital communications, networking, and related
> technologies, who meet, publish their work, and present new ideas and
> techniques for discussion. Presenters and attendees have the opportunity
> to exchange ideas and learn about recent hardware and software advances,
> theories, experimental results, and practical applications. The Digital
> Communications Conference is not just for the digital expert, but for
> digitally-oriented amateurs at all levels of expertise.
>
> The 1998 ARRL and TAPR Digital Communications Conference will be held
> September 25-27, 1998, in Chicago, Illinois. This year's conference
> location is the Holiday Inn Rolling Meadows, just minutes from O'Hare
> Airport.
>
> Not only is the Digital Communications Conference technically stimulating,
> it is a weekend of fun for all who have more than a casual interest in any
> of the ham digital communications modes. This includes APRS operators,
> digital networks, software writers, modem designers, and digital satellite
> enthusiasts. The ARRL and TAPR Digital Communications Conference is for
> all levels of digital operators -- a must conference to attend to become
> active on a national level. Now, more than ever, amateur radio needs this
> great meeting of the minds because it is important that we demonstrate a
> continued need for the frequency allocations we have by pushing forward and
> documenting our achievements. The ARRL and TAPR Digital Communications
> Conference is one of the few ways to record our accomplishments and
> challenge each other to do more.
>
> -----
>
> A Conference for the Beginner, Too
>
> The conference is not just for the digital expert. This year's conference
> again provides multiple session tracks for beginning, intermediate, and
> advanced presentations on selected topics in digital communications.
> Topics will include APRS, satellite communications, TCP/IP, digital radio,
> Spread Spectrum, and many others. Come to the conference and hear these
> topics presented by the experts! Don't miss this opportunity to listen and
> talk to others in these areas.
>
> -----
>
> Symposia and Seminars
>
> In addition to the presentation of papers on Saturday, three
> symposia/seminars will be held. These sessions are provided to allow those
> with additional time and interest to make the most of the Digital
> Communications Conference. For those who may have interest in just one
> symposium or seminar, registration for the conference is not required to
> attend these activities. This allows maximum flexibility for those who may

> want to participate during the Digital Communications Conference, but do
> not have an entire weekend to devote to the event.
>
> The Second APRS National Symposium will be held on Friday and will be
> moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely
> include many APRS software authors, such as Bob Bruninga, WB4APR (the
> father of APRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of
> MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPLUS),
> and other nationally-known APRS leaders. Join this group for the afternoon
> and evening for in-depth discussions and presentations on the current and
> future status of APRS. This is a unique opportunity to gain insight into
> this fast-growing digital aspect of amateur operations that combines
> computers, packet radio, and GPS (Global Positioning System).
>
> Starting late Friday afternoon, a half-day seminar titled
> "Infrastructureless Technologies in Amateur Radio," presented by Don Lemke,
> WB9MJN, will cover the pros and cons of DDMA (directivity division multiple
> access, a proposed infrastructureless technigue) versus hubbed (cellular
> style) and other infrastructure dependant techniques, the basic problem of
> megabaud rate communications into the ham QTH, and some techniques for
> channel-area acquisition including full duplex/asynchronous versus
> simplex/synchronous radio/acquisition concepts. This seminar will start
> late enough on Friday afternoon to allow those flying that day to attend
> the seminar.
>
> The Sunday morning seminar will be a combination of two different talks
> that will make one excellent seminar. The first presentation, by Lyle
> Johnson, WA7GXD, will focus on the upcoming RUDAK digital communications
> system scheduled to fly on the AMSAT Phase 3D satellite in the near future.
> Lyle will discuss features, systems design, integration, and experiments.
> The goal of the presentation is to zero in on the communications
> capabilities of RUDAK, the performance to be expected from the 153k6 PSK
> system, the limitations and capacities of the DSP modems, user requirements
> for receiving RUDAK, requirements for transmitting to RUDAK, and how
> amateurs can work to make ground operations a reality once the satellite is
> in operation. Information on how to submit a proposal for experimental
> time on RUDAK will be presented. The second presentation will be by Tim
> Shepard, KD1KY, regarding "Packet Radio Networks with Millions or Billions
> of Stations." This talk will present concepts and materials that make you
> think about different possibilities of networking in the future. Both
> Lyle's and Tim's presentations focus on different aspects of future digital
> communications possibilities.
>
> -----
>
> Third Annual ARRL and TAPR DCC Student Papers Award
>
> ARRL and TAPR especially welcome papers from full-time students to compete
> for the third annual student papers award. Two $500 travel awards may be
> given, one in each of the following categories: a) best
> technical/theory-oriented paper by a student, and b) best educational or
> community-oriented application paper by a student. The paper should relate
> directly to a wireless digital communication topic (see the guidelines for
> more information). Papers co-authored by educators or telecommunications
> professionals are also eligible for this award as long as a student is the
> first author. The deadline for receipt of finished student paper
> manuscript is June 20, 1998. Please note that this deadline is different
> from the general conference paper submission date. For full details and
> paper guidelines contact TAPR or browse to http://www.tapr.org/dcc.
>
> -----
>
> Call for Conference Proceeding Papers
>
> Anyone interested in digital communications is invited to submit a paper
> for publication in the Conference Proceedings. Presentation at the
> conference is not required for publication. The primary purpose of the
> conference is to communicate ideas and techniques regarding digital
> communications. Papers written in an informal style are welcome, as well
> as those written to academic standards. If you know of someone who is
> doing great things with digital communications, be sure to tell them about
> this! Papers are due by August 15, 1998, and should be submitted to Maty
> Weinberg, ARRL, 225 Main Street, Newington, CT 06111, or via e-mail to
> lweinberg@arrl.org. The paper submission guidelines are available on-line
> (http://www.tapr.org/dcc).
>
> -----
>
> Local/International Co-Host

>
> The 1998 ARRL and TAPR Digital Communications Conference will be co-hosted
> by Chicago Amateur Packet Radio Association (CAPRA). CAPRA is one of the
> oldest packet radio groups in the US. It focuses on education about
> amateur packet radio, coordination of joint efforts of hams interested in
> packet radio, and technical and equipment support for a sound packet
> network in the Chicago area. They have had high-speed packet networks
> operational since the mid-1980s. Visit the CAPRA Web site at
> http://www.imaxx.net/capra for more information.
>
> PRUG (Packet Radio User Group of Japan) will be the first International
> co-host of the ARRL and TAPR Digital Communications Conference. The
> conference is proud to welcome PRUG as part of the conference. PRUG will
> be hosting an informal social Friday evening after the seminar and
> symposium are completed. Visit http://www.prug.or.jp for more information
> about the organization.
>
> -----
>
> What can you expect during the 1998 ARRL and TAPR Digital Communications
> Conference?
>
> * A full day of papers, breakout sessions, and selected topics on
> Saturday for the beginner to advanced amateur digital enthusiast.
>
> * Three seminars/symposia
> Friday (1 PM)
> - Second Annual APRS National Symposium,
> moderated by Steve Dimse, K4HG
>
> Friday (3 PM)
> - Infrastructure Technologies in Amateur Radio
> conducted by Don Lemke, WB9MJN
>
> Sunday (8:30 AM)
> - RUDAK Future Operations and Experimentations
> by Lyle Johnson, WA7GXD
> - Packet Radio Networks with Millions or Billions of Stations
> by Tim Shepard, KD1KY
>
> * Third Annual Student Paper Awards.
>
> * TAPR Membership Meeting
>
> * A banquet with special guest speaker Steve Roberts, N4RVE, of Nomadic
> Research Labs. Creator of the Winnebiko and Behemoth high-tech recumbent
> bicycles. His current project is focused on Microship technology
> (http://www.microship.com/).
>
> * SIGs (Special Interest Groups) get-togethers on Saturday, following
> the banquet
>
> * Informal get-togethers throughout the weekend
>
> * A facility that is perfect for this type of conference
>
> * Informal engineering discussions/demonstration areas
>
> * Motorola Museum located in the area.
>
> * An event at which the most important new developments in amateur
> digital communications are announced
>
> * Digital 'movers and shakers' from all over the world in attendance
>
> -----
>
> Conclusion
>
> If you have attended a Digital Communications Conference in the past,
> remember how much fun it was discussing the latest developments into the
> wee hours! If you have never been to a Digital Communications Conference,
> then make your plans now to attend and find out how much fun they can be.
>
> There are few activities where your participation can be so much fun and so
> important! You will be able to get together with colleagues from all over
> the world and bring each other up to date on your latest work. Experience
> all this and more for an unforgettable weekend of ham radio and digital
> communications. Make your travel and lodging arrangements now. We hope to

> see you at the ARRL and TAPR Digital Communications Conference, September
> 25-27!
>
> Full information on the conference and hotel information can be obtained by
> contacting Tucson Amateur Packet Radio, 8987-309 E. Tanque Verde Road #337,
> Tucson, AZ 85749-9399, phone 940-383-0000, fax 940-566-2544, e-mail
> tapr@tapr.org, browse www.tapr.org/dcc.
>
> Sincerely,
>
>   Steve Ford, WB8IMY, ARRL Conference Co-Chair
>   Greg Jones, WD5IVD, TAPR Conference Co-Chair
>   Steve Stroh, N8GNJ, Conference Manager
>   Mark J. Thompson, WB9QZB, Local Host Liaison
>   Carl Bergstedt, K9VXW, Local Host Liaison
>
> Note: If you need conference handouts or flyers for ham club meetings,
> contact TAPR to get what you need!
>
> -----
>
> Hotel Information
>
> Conference presentations, meetings, and seminars will be held at the
> Holiday Inn Rolling Meadows. Special DCC rooms rates are $85 per night.
> When making reservations with the hotel, be sure to indicate you are
> attending the ARRL and TAPR DCC in order to get the discount. It is highly
> recommended that you book your room prior to arriving. A block of 75 rooms
> is reserved until August 31, 1998. After the 75 rooms are booked, rooms
> will only be available in nearby hotels, so be sure to book your rooms
> early! The hotel provides transportation to and from O'Hare Airport.
> Please contact the hotel to arrange specific transportation needs.
>
>   Holiday Inn Rolling Meadows (conference hotel)
>   3405 Algonquin Rd
>   Rolling Meadows, IL 60008
>   Phone 847-259-5000, fax 847-259-0597
>
> -----
>
> Registration
>
> Contact the TAPR office by phone, fax, or e-mail (numbers and addresses are
> above) to register or for additional meeting information. MasterCard and
> VISA are accepted.
>
> - Preregistration (before Sept 1): $42.00 *
>
> - Late registration or at door: $47.00 *
>
> * - Conference registration includes Conference Proceedings, Saturday
> sessions/meetings, and lunch.
>
> - Saturday Evening Dinner (limited space): $20.00 **
>
> ** - Includes dinner, speaker, prize drawing
>
> ---
>
> Seminar/symposia
>
> Note: You do not have to be registered for the conference to attend one or
> more of the seminars/symposia.
>
> - Friday, 1-8 PM, Second Annual APRS National Symposium (full day)
>
>   Registration: $25***
>
> ---
>
> - Friday 3-7 PM, Infrastructure Technologies in Amateur Radio, conducted by
> Don Lemke, WB9MJN
>
>   Registration: $15***
>
> ---
>
> Sunday 8:30-11 AM and 11:30 AM-2 PM, RUDAK Future Operations and
> Experimentations by Lyle Johnson, WA7GXD, and Packet Radio Networks with

> Millions or Billions of Stations by Tim Shepard, KD1KY
>
>   Registration $20***
>
> *** Cost of seminar or symposium includes the cost of handout materials.
>
> Contact TAPR to register for the DCC:
>
> Tucson Amateur Packet Radio
> 8987-309 E. Tanque Verde Road #337
> Tucson, AZ 85749-9399.
> phone 940-383-0000, fax 940-566-2544
> e-mail tapr@tapr.org, browse http://www.tapr.org
Hello, can you change my email address to kb5ojr@aol.com please.
looks like im going to be stuck with aol for a while, thanks,
73 de J.P.

2. unsubscribe

From: wtpoe <wtpoe@ro.com>
Date: Wed, 03 Jun 1998 04:06:31 +0000
To: regional_freq@tapr.org
Message-ID: <3574CBC6.7548CA34@ro.com>
Rendered body type: text/plain

> unsubscribe

3. Dorothy Update

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 8 Jun 1998 10:37:20 -0500
To: "HF SIG list   mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>,
        " TAPR/AMSAT DSP "<dsp@tapr.org>,
        "APRS SIG list   mailing"<aprssig@tapr.org>,
        "NETSIG list   mailing"<netsig@tapr.org>,
        "BBS SIG list   mailing"<bbssig@tapr.org>,
        " tacgps "<tacgps@tapr.org>, aprsnews@tapr.org, mic-e@tapr.org,
        TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v04003a0cb1a1b453317a@[207.43.172.66]>
Rendered body type: text/plain

For those who want to know.

Dorothy was released from the hospital last Friday afternoon and has been
resting at the house (TAPR Office ;-) since then. The surgery went very
well and there appears to be no complications, except that she doesn't like
the really long scar on her belly.

We (Bill Jones and I) have told Dorothy she cannot step one foot into the
TAPR office until next week sometime. Thus, expect kits and orders to
start getting out the door in another 7-10 days. There is a bit of a pile
being generated by this down time, so it will probably be a week or so
after we open back up that we get caught up on everything.

Dorothy wants to thank everyone that thought of her during this ordeal and
she looks forward to getting back into the swing of things.

Cheers - Greg Jones, WD5IVD

Greg Jones, WD5IVD   Austin, Texas
wd5ivd@tapr.org   http://www.tapr.org/~wd5ivd

Real World, The n.:
        5. Anywhere outside a university. "Poor fellow, he's left UT
Austin and gone into the real world."

4. Change my email?

From: Steve Ashenfelter <n8xsf@primenet.com>
Date: Mon, 08 Jun 1998 18:17:50 -0400
To: regional_freq@tapr.org
Message-ID: <3.0.32.19980608181746.006901e4@pop.primenet.com>
Rendered body type: text/plain

How do I change from this account to a new email account.
Could I please have the URL?

Steve
n8xsf@wcnet.org

August 1998

Original source file: regional_freq.9808
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1998-08/REGIONAL_FREQ_1998-08.txt

1. 1998 ARRL and TAPR Digital Communications Conference

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Sun, 9 Aug 1998 12:20:14 -0600
To: "TAPR-BB  list   mailing"<tapr-bb@tapr.org>
Cc: "HF SIG  list   mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>,
        " TAPR/AMSAT DSP "<dsp@tapr.org>,
        "APRS SIG  list   mailing"<aprssig@tapr.org>,
        "NETSIG  list   mailing"<netsig@tapr.org>,
        "BBS SIG  list   mailing"<bbssig@tapr.org>,
        " tacgps "<tacgps@tapr.org>, aprsnews@tapr.org, mic-e@tapr.org,
        TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v04011707b1f39762e9cf@[168.191.230.109]>
Rendered body type: text/plain
```

1998 ARRL and TAPR Digital Communications Conference
September 25-27, 1998
Chicago, Illinois (minutes from O'Hare Airport)

Web: http://www.tapr.org/dcc

The 1998 ARRL and TAPR Digital Communications Conference will be held September 25-27, 1998, in Chicago, Illinois. This year's conference location is the Holiday Inn Rolling Meadows, just minutes from O'Hare Airport.

Not only is the Digital Communications Conference technically stimulating, it is a weekend of fun for all who have more than a casual interest in any of the ham digital communications modes. This includes APRS operators, digital networks, software writers, modem designers, and digital satellite enthusiasts. The ARRL and TAPR Digital Communications Conference is for all levels of digital operators -- a must conference to attend to become active on a national level. Now, more than ever, amateur radio needs this great meeting of the minds because it is important that we demonstrate a continued need for the frequency allocations we have by pushing forward and documenting our achievements. The ARRL and TAPR Digital Communications Conference is one of the few ways to record our accomplishments and challenge each other to do more.

A Conference for the Beginner, Too

The conference is not just for the digital expert. This year's conference again provides multiple session tracks for beginning, intermediate, and advanced presentations on selected topics in digital communications. Topics will include APRS, satellite communications, TCP/IP, digital radio, Spread Spectrum, and many others. Come to the conference and hear these topics presented by the experts! Don't miss this opportunity to listen and talk to others in these areas.

Symposia and Seminars

In addition to the presentation of papers on Saturday, three symposia/seminars will be held. These sessions are provided to allow those with additional time and interest to make the most of the Digital Communications Conference. For those who may have interest in just one symposium or seminar, registration for the conference is not required to attend these activities. This allows maximum flexibility for those who may want to participate during the Digital Communications Conference, but do not have an entire weekend to devote to the event.

The Second APRS National Symposium will be held on Friday and will be moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely include many APRS software authors, such as Bob Bruninga, WB4APR (the father of APRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPLUS), and other nationally-known APRS leaders. Join this group for the afternoon and evening for in-depth discussions and presentations on the current and

future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

Starting late Friday afternoon, a half-day seminar titled "Infrastructureless Technologies in Amateur Radio," presented by Don Lemke, WB9MJN, will cover the pros and cons of DDMA (directivity division multiple access, a proposed infrastructureless technique) versus hubbed (cellular style) and other infrastructure dependent techniques, the basic problem of megabaud rate communications into the ham QTH, and some techniques for channel-area acquisition including full duplex/asynchronous versus simplex/synchronous radio/acquisition concepts. This seminar will start late enough on Friday afternoon to allow those flying that day to attend the seminar.

The Sunday morning seminar will be a combination of two different talks that will make one excellent seminar. The first presentation, by Lyle Johnson, WA7GXD, will focus on the upcoming RUDAK digital communications system scheduled to fly on the AMSAT Phase 3D satellite in the near future. Lyle will discuss features, systems design, integration, and experiments. The goal of the presentation is to zero in on the communications capabilities of RUDAK, the performance to be expected from the 153k6 PSK system, the limitations and capacities of the DSP modems, user requirements for receiving RUDAK, requirements for transmitting to RUDAK, and how amateurs can work to make ground operations a reality once the satellite is in operation. Information on how to submit a proposal for experimental time on RUDAK will be presented. The second presentation will be by Tim Shepard, KD1KY, regarding "Packet Radio Networks with Millions or Billions of Stations." This talk will present concepts and materials that make you think about different possibilities of networking in the future. Both Lyle's and Tim's presentations focus on different aspects of future digital communications possibilities.

Third Annual ARRL and TAPR DCC Student Papers Award

The deadline for the third annual ARRL and TAPR Student papers is past, please think about having students submit next year for the travel awards. TAPR and the ARRL especially welcome papers from full-time students to compete
for these student papers award. Two $500 travel awards may be given, one in each of the following categories: a) best technical/theory-oriented paper by a student, and b) best educational or community-oriented application paper by a student. The paper should relate directly to a wireless digital communication topic (see the guidelines for more information). Papers co-authored by educators or telecommunications professionals are also eligible for this award as long as a student is the first author. The deadline for receipt of finished student paper manuscript is June 20, 1999. Please note that this deadline is different from the general conference paper submission date. For full details and paper guidelines contact TAPR or browse to http://www.tapr.org/dcc.

Call for Conference Proceeding Papers

Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the conference is not required for publication. The primary purpose of the conference is to communicate ideas and techniques regarding digital communications. Papers written in an informal style are welcome, as well as those written to academic standards. If you know of someone who is doing great things with digital communications, be sure to tell them about this! Papers are due by August 15, 1998, and should be submitted to Maty Weinberg, ARRL, 225 Main Street, Newington, CT 06111, or via e-mail to lweinberg@arrl.org. The paper submission guidelines are available on-line (http://www.tapr.org/dcc).

Local/International Co-Host

The 1998 ARRL and TAPR Digital Communications Conference will be co-hosted by Chicago Amateur Packet Radio Association (CAPRA). CAPRA is one of the oldest packet radio groups in the US. It focuses on education about amateur packet radio, coordination of joint efforts of hams interested in packet radio, and technical and equipment support for a sound packet network in the Chicago area. They have had high-speed packet networks

operational since the mid-1980s. Visit the CAPRA Web site at http://www.imaxx.net/capra for more information.

PRUG (Packet Radio User Group of Japan) will be the first International co-host of the ARRL and TAPR Digital Communications Conference. The conference is proud to welcome PRUG as part of the conference. PRUG will be hosting an informal social Friday evening after the seminar and symposium are completed. Visit http://www.prug.or.jp for more information about the organization.

What can you expect during the 1998 ARRL and TAPR Digital Communications Conference?

* A full day of papers, breakout sessions, and selected topics on Saturday for the beginner to advanced amateur digital enthusiast.

* Three seminars/symposia
  Friday (1 PM)
  - Second Annual APRS National Symposium,
    moderated by Steve Dimse, K4HG

  Friday (3 PM)
  - Infrastructure Technologies in Amateur Radio
    conducted by Don Lemke, WB9MJN

  Sunday (8:30 AM)
  - RUDAK Future Operations and Experimentations
    by Lyle Johnson, WA7GXD
  - Packet Radio Networks with Millions or Billions of Stations
    by Tim Shepard, KD1KY

* Third Annual Student Paper Awards.

* TAPR Membership Meeting

* A banquet with special guest speaker Steve Roberts, N4RVE, of Nomadic Research Labs. Creator of the Winnebiko and Behemoth high-tech recumbent bicycles. His current project is focused on Microship technology (http://www.microship.com/).

* SIGs (Special Interest Groups) get-togethers on Saturday, following the banquet

* Informal get-togethers throughout the weekend

* A facility that is perfect for this type of conference

* Informal engineering discussions/demonstration areas

* Motorola Museum located in the area.

* An event at which the most important new developments in amateur digital communications are announced

* Digital 'movers and shakers' from all over the world in attendance

---

Conclusion

If you have attended a Digital Communications Conference in the past, remember how much fun it was discussing the latest developments into the wee hours! If you have never been to a Digital Communications Conference, then make your plans now to attend and find out how much fun they can be.

There are few activities where your participation can be so much fun and so important! You will be able to get together with colleagues from all over the world and bring each other up to date on your latest work. Experience all this and more for an unforgettable weekend of ham radio and digital communications. Make your travel and lodging arrangements now. We hope to see you at the ARRL and TAPR Digital Communications Conference, September 25-27!

Full information on the conference and hotel information can be obtained by contacting Tucson Amateur Packet Radio, 8987-309 E. Tanque Verde Road #337, Tucson, AZ 85749-9399, phone 940-383-0000, fax 940-566-2544, e-mail tapr@tapr.org, browse www.tapr.org/dcc.

Sincerely,

   Steve Ford, WB8IMY, ARRL Conference Co-Chair
   Greg Jones, WD5IVD, TAPR Conference Co-Chair
   Steve Stroh, N8GNJ, Conference Manager
   Mark J. Thompson, WB9QZB, Local Host Liaison
   Carl Bergstedt, K9VXW, Local Host Liaison

Note: If you need conference handouts or flyers for ham club meetings,
contact TAPR to get what you need!

Hotel Information

Conference presentations, meetings, and seminars will be held at the
Holiday Inn Rolling Meadows. Special DCC rooms rates are $85 per night.
When making reservations with the hotel, be sure to indicate you are
attending the ARRL and TAPR DCC in order to get the discount. It is highly
recommended that you book your room prior to arriving. A block of 75 rooms
is reserved until August 31, 1998. After the 75 rooms are booked, rooms
will only be available in nearby hotels, so be sure to book your rooms
early! The hotel provides transportation to and from O'Hare Airport.
Please contact the hotel to arrange specific transportation needs.

   Holiday Inn Rolling Meadows (conference hotel)
   3405 Algonquin Rd
   Rolling Meadows, IL 60008
   Phone 847-259-5000, fax 847-259-0597

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399
----
e-mail: tapr@tapr.org   web: <http://www.tapr.org/>
ftp: ftp.tapr.org
phone: 940-383-0000   fax: 940-565-2544

September 1998

Original source file: regional_freq.9809
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1998-09/REGIONAL_FREQ_1998-09.txt

1. TAPR.ORG Down and now Back

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 14 Sep 1998 21:09:36 -0500
To: "HF SIG  list   mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>,
        " TAPR/AMSAT DSP "<dsp@tapr.org>,
        "APRS SIG  list   mailing"<aprssig@tapr.org>,
        "NETSIG  list   mailing"<netsig@tapr.org>,
        "BBS SIG  list   mailing"<bbssig@tapr.org>,
        " tacgps "<tacgps@tapr.org>, aprsnews, mic-e,
        TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v0401170fb2237bbfafc8@[207.8.125.53]>
Rendered body type: text/plain
```

TAPR.ORG was down on Saturday for a system upgrade. We installed a new
processor board as well as added more memory and a new 9G HD.

Sunday morning very early, the root drive crashed and burned. Lee spent
Sunday and today (Monday) recovering from the crash on root. We had backed
up the system just before the upgrade, so we didn't get hit very hard. We
took this time to also upgrade the OS on the system, which we had planned
to in the future.

Lee got the system back operational about 6pm tonight and all aspects of
the system should be operational by this posting. We will be spending the
rest of tonight doing checks on various automatic operations to make sure
that everything is running correctly.

Cheers - Greg

Greg Jones, WD5IVD
        President TAPR (http://www.tapr.org)
        PhD Candidate, Instructional Technology, UT Austin

email: wd5ivd@tapr.org
web: http://www.tapr.org/~wd5ivd

Experience is what you get when you were expecting something else.

2. 1998 ARRL and TAPR DCC this coming weekend !

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Tue, 22 Sep 1998 17:41:08 -0500
To: "TAPR-BB  list   mailing"<tapr-bb@tapr.org>
Cc: "HF SIG  list   mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>,
        " TAPR/AMSAT DSP "<dsp@tapr.org>,
        "APRS SIG  list   mailing"<aprssig@tapr.org>,
        "NETSIG  list   mailing"<netsig@tapr.org>,
        "BBS SIG  list   mailing"<bbssig@tapr.org>,
        " tacgps "<tacgps@tapr.org>, aprsnews, mic-e,
        TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <v04011717b22dd78686a9@[128.83.74.103]>
Rendered body type: text/plain
```

Just as a reminder the 1998 ARRL and TAPR Digital Communications Conference
in Chicago, IL is happening this weekend!

The conference schedule and information is on-line at http://www.tapr.org/dcc
The abstract page should be on-line shortly.

Hope to see you in Chicago this weekend!

Cheers - Greg Jones, WD5IVD

Greg Jones, WD5IVD   Austin, Texas
wd5ivd@tapr.org   http://www.tapr.org/~wd5ivd

November 1998

Original source file: regional_freq.9811
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1998-11/REGIONAL_FREQ_1998-11.txt

1. 1998 ARRL and TAPR DCC Audio, Photos, Abstracts, and More

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 30 Nov 1998 15:25:13 -0600
To: "HF SIG  list   mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>,
        " TAPR/AMSAT DSP "<dsp@tapr.org>,
        "APRS SIG  list   mailing"<aprssig@tapr.org>,
        "NETSIG  list   mailing"<netsig@tapr.org>,
        "BBS SIG  list   mailing"<bbssig@tapr.org>,
        " tacgps "<tacgps@tapr.org>, aprsnews, mic-e,
        TAPR Regional Freq <regional_freq@tapr.org>,
        "TAPR-BB  list   mailing"<tapr-bb@tapr.org>
Message-ID: <v04020a06b288bb17413f@[128.83.74.104]>
Rendered body type: text/plain
```

The ARRL and TAPR DCC Web page has been updated to include all recorded segments from the conference as well as a story and photo section.

Visit: http://www.tapr.org/dcc/

* Listen to sessions from the 1998 ARRL and TAPR DCC over 30 hours covering
        Keynote by Dale Hatfield, W0IFO
                Chief of the FCC's Office of Engineering and Technology
        APRS National Symposium
        Packet Radio Users Group of Japan (PRUG) Technical Seminar
        Technical Paper Presentations
        Introductory Sessions
                Introduction to Spread Spectrum
                Introduction to PIC Development
                Introduction to MMDS/LMDS
        Friday Technical Seminar featuring Don Lemke, WB9MJN on
                Infrastructureless Packet Radio Networks
        Sunday Technical Seminars featuring:
                Lyle Johnson, WA7GXD -
                        RUDAK digital communications system
                Tim Shepard, KD1YK -
                        Packet Radio Networks with Millions or Billions of
Stations

* 1998 Conference Overview Story

* Look at photos from the 1998 ARRL and TAPR DCC

* Review Abstracts from 1998 Proceedings

* Check out past Digital Communication Conferences Audio and Abstracts

as of now, the 1999 ARRL and TAPR DCC will be hosted in Phoenix, AZ in Sept
'99. More information will be posted once a date and location has been
decided.

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399
---
e-mail: tapr@tapr.org   web: <http://www.tapr.org/>
ftp: ftp.tapr.org
phone: 940-383-0000   fax: 940-565-2544

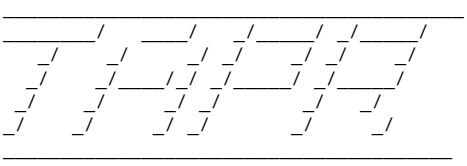
January 1999

Original source file: regional_freq.9901
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1999-01/REGIONAL_FREQ_1999-01.txt

1. REGIONAL_FREQ Welcome Message

From: Lyris <lyris@lists.tapr.org>
Date: Mon, 25 Jan 1999 00:33:25 -0600
To: lyris.regional_freq@tapr.org
Message-ID: <LYR6749-431-1999.01.25-00.33.25--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
**********************************************************************
*                PLEASE SAVE THIS WELCOME MESSAGE!                   *
**********************************************************************
```



Welcome to the TAPR Regional Digital Frequency Mailing List!

REGIONAL_FREQ is an electronic discussion about:
---

1. Regional (and possibly national) digital bandplanning.

2. The relationship of digital organizations with established amateur frequency coordination organizations (MACC, SERA, T-MARC, etc).

3. Proper characterization of "coordination" as it applies to amateur digital networks.

4. The role of TAPR and regional digital groups regarding amateur frequency coordination issues.

5. Other topics as deemed relevant to the discussion at hand.

Mechanics of the List

TAPR is committed to the success of the various SIG lists. All lists have tremendous potential, but TAPR does not want that potential to be lost.

The criteria for appropriate publication are simple: messages should 1) advance the discussion at hand, 2) not perpetuate one of our many Holy Wars (i.e., my OS is bigger than your OS, or "your protocol stinks because"), and 3) avoid personal attacks (FLAMES).

In addition, we wish to re-post traffic generated here on the PBBS network. Therefore, refrain from using profanity, and do not use the forum to promote commercial activity. Please stay focused on the issues which relate to the purpose of the forum charter.

If individuals abuse these standards over time, they will be removed from the list. If such abuse is frequent, the mail list can become moderated at the discretion of the list chairperson.

Our hope is that list members will bear in mind the goals of the list when posting messages, and that very few messages will be considered outside of these standards. If you feel that you must FLAME someone, do it via personal mail or use one of the many other places available to vent spleen. The forums are setup for positive, productive, cooperative discussions.

A Final Word

Thanks for being involved in REGIONAL_FREQ! The variety of ideas resulting from electronic discussion can assure that we recognize opportunities available to the digital community during the formation of

SPOC. Your input is appreciated!

To post messages to the regional_freq list, send email to:

        regional_freq@lists.tapr.org

To unsubscribe from this mailing list, surf to:

   http://www.tapr.org/cgi-bin/lyris.pl?enter=regional_freq

or send email to:

   lyris@lists.tapr.org

with the following line in the body of the message:

   unsub regional_freq

The host of this list is:

   Tucson Amateur Packet Radio (TAPR)
   tapr@tapr.org
   http://www.tapr.org
   8987-309 E Tanque Verde Rd. #337, Tucson, AZ 85749-9399,
   phone 940-383-0000, fax 940-566-2544

Just so that you have all the commands neatly contained in one place,
here is just about everything you will need to know. Note that this list
is running on a Lyris server. Please be aware that the commands might be
different from those that you are used to using on other list servers.
(For more information on Lyris, see <http://www.lyris.com/>.)

1. First of all, almost everything that you might need to do on the
   server is most easily and effectively performed via Lyris's Web
   interface at <http://www.tapr.org/cgi-bin/lyris.pl>.

2. In case you do not have Web access, here are some key commands; in all
   cases, the default server address is: <lyris@lists.tapr.org>. Other
   addresses are shown where appropriate. Note that commands may be placed
   in either the subject line or in the body of the message:

                SUBSCRIBING:
                  subscribe regional_freq your_name
                  join regional_freq your_name
                  alternate address: join-regional_freq@lists.tapr.org

                UNSUBSCRIBING:
                  unsubscribe regional_freq
                  leave regional_freq
                  alternate address: leave-regional_freq@lists.tapr.org

                SETTING MEMBERSHIP TO DIGEST MODE:
                  set regional_freq digest

                SETTING MEMBERSHIP TO INDEX MODE:
                  set regional_freq index

                SETTING MEMBERSHIP TO DISCUSSION MODE:
                  set regional_freq mail

                TEMPORARILY SUSPENDING MAIL FROM THE LIST:
                  set regional_freq nomail

                RESUMING MAIL FROM THE LIST:
          (command depends on your preferred mode)
                  set regional_freq mail
                  set regional_freq digest
                  set regional_freq index

```
ACKNOWLEDGMENT:
  set regional_freq ack
    (sends you a confirmation message when your posts are sent)
  set regional_freq noack
    (no confirmation message when posts are distributed)

RECEIVING COPIES OF YOUR OWN POSTS:
  set regional_freq repro
    (receive copies of your own posts)
  set regional_freq norepro
    (do not receive copies of your own posts)

SETTING YOUR PASSWORD:
  set regional_freq pw=mypassword
    (where "mypassword" is the password you wish to set)

DETERMINING YOUR MEMBERSHIP SETTINGS:
  query regional_freq

RETRIEVING THE CURRENT VERSION OF THIS DOCUMENT:
  get regional_freq hello

MORE INFORMATION ON LYRIS'S COMMANDS:
  help

POSTING TO THE LIST:
  You must be a subscriber to post messages. Sending
  mail to this address will distribute it to all the members of the
  mailing list:  regional_freq@lists.tapr.org
```

3. CHANGING YOUR SETTINGS/ADDRESS VIA THE WEB INTERFACE: To do this, go to <http://www.tapr.org/cgi-bin/lyris.pl> and click the link in the "Change Your Settings" section. You'll need to enter your e-mail address and password (if you chose one) to continue.

   (If you've forgotten your password, you can type in your e-mail address in the field at the bottom of the page and click "Get password" to request Lyris to e-mail your password to you.)

   At the following page, you can read messages, post a message, adjust your settings, or unsubscribe. From the settings page, you can change your status (MAIL, DIGEST, INDEX, or NOMAIL), choose whether or not to see your own messages, and choose whether or not you want to receive a separate acknowledgement via e-mail when one of your messages is posted to the list, You can also change your e-mail address if you need to. When you change your settings, make sure you click the "Save" button at the bottom of the page.

4. ARCHIVES: The regional_freq SIG archives are available on the Web, at the following URL: <http://www.tapr.org/sigf.html>

5. BOUNCED MAIL: One of the key features of Lyris is its ability to handle mail bounces transparently to the list owner; as such, bounced mail will be handled primarily by the Lyris list server.

6. POSTS/REPLIES FROM DIGEST USERS: You *must* change the Subject: line when replying to a digest; all posts with "regional_freq DIGEST" in the Subject: line will be rejected by the server (you will receive a "rejection letter" when this happens).

2. [regional_freq] TAPR Server Upgrade

```
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 25 Jan 1999 05:05:39 -0600
To: "TAPR Reginal Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-531-1999.01.25-05.06.14--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

Hello TAPR Archiver, you might be interested to know that TAPR has upgraded our list processor to a new lyris based system.

This message is going to you on the regional_freq list.

You are listed as: lyris.regional_freq@tapr.org on the list

This new package has a lot of features which might cause a few glitches as
we make the transition. Read the following to find out more.

ACCESSING THE SYSTEM VIA THE WEB

When the new TAPR web pages go on-line in the next few weeks, they will
contain the new interface to the lists as well as a new and improved search
engine for the various mail archives.

To directly access the TAPR.ORG Lyris server for now, use
http://www.tapr.org/cgi-bin/lyris.pl

GETTING ON-LINE HELP
---
visit: http://www.tapr.org/lyris/help/index.html for a full on-line manual

MEMBERS ONLY POST

With the recent increase in spamming some of the TAPR lists implement the
rule "only members of the list can post to said list". If the incoming
e-mail address doesn't match your e-mail subscription stored in the list,
lists.tapr.org will reject your message.

If you get a rejected message from the list server, then you will need to
change your address in the list. We have already seen a few rejected posts
in the log. We apologize for those caught in the change over. Do the
following and repost your message.

To change your member e-mail address on this list, do the following:

1. go to http://www.tapr.org/cgi-bin/lyris.pl?enter=regional_freq
2. For "Did you forget your password?" enter lyris.regional_freq@tapr.org
3. lists.tapr.org will e-mail you your password for the list.

After you get your password use "If you are member..."
4. enter lyris.regional_freq@tapr.org for email address
5. enter YOUR_PASSWORD (the one you just got e-mailed)
6. click on the enter button

At this point you can edit any of your information for this list.
You can also send and receive messages from this screen if you are away
from e-mail at the time. We plan on keeping e-mail for 30 days on the
Lyris interface, after which time messages can be found in the html
searchable archives.

To get more information on your options see:
http://www.tapr.org/lyris/help/ChangeMembershipSettings.html

LOTS OF INFORMATION IN EACH MESSAGE

No member of a list should now have an excuse for not knowing how to
unsubscribe from the list. Each message contains information on how to
subscribe as well as unsubscribe. To unsubscribe, just send to the unique
address shown in your message.

HOLD ON BOUNCED E-MAIL

When people's email addresses go bad (for instance, they change to another
Internet Service Provider) each email message sent to their old address
bounces back to lists.tapr.org. In the past, this was a huge management
issue for myself and a few other on the tapr list server. Lyris will now
analyze the bounces and determine who is causing them. If a member's email
address appears to be invalid for 5 days in a row, Lyris automatically
disables that participant's membership on the system, so that
lists.tapr.org no longer sends them mail.

When a user is placed on hold, we will send the user an email message
indicating that this has occurred, as well as a copy of the most recent

error message received. This notification message, if the user receives it, can be very helpful to the user in determining why their email was being rejected by their mail system.

In such a case, send the "unhold" command to the List Server address, and Lyris will return any "held" subscriptions back to "normal." The format of the unhold command is:

email to: lyris@lists.tapr.org
subject: unhold

500K Message Limit on most open lists

We have implemented a 500K message size limit on the open lists. This should catch most of the huge posts that get made. If this limit needs to be changed, the list manager can change the setting for that list.

MESSAGE FILTER

Lyris looks for a lot of things in the message that might indicate something not meant to be sent to the list. Like the word TEST or UNSUBSCRIBE in the Subject line. If you send a message to the list server that it thinks is a 'suspect' message and it isn't, just change the word or line and please resubmit.

While this might cause a problem now and then for the average user, it saves a lot of posting of messages that shouldn't be making it to the list.

CONCLUSION

Moving to a new list package has been on our upgrade to do list for some time. Thanks to member support, TAPR has been able to make this upgrade a reality. We feel that this new package will greatly help expand our capabilities while also reducing the amount of work that it took to keep the previous list package running correctly.

I am in the midst of developing a new web site along with several other new items that should make using and getting information from the TAPR.ORG site much easier.

If you have any questions or comments, please feel free to drop me an e-mail message.

To those members of TAPR on this list, please give yourself a big pat on the back of supporting TAPR! For those of you that haven't joined TAPR yet, consider this a friendly reminder that you should think about joining in order to support future maintenance of things we do on the Internet and the various technical projects that are always ongoing. TAPR is only as strong as its membership.

Cheers -- Greg Jones, WD5IVD
President, TAPR

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org http://www.tapr.org/~wd5ivd

You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

April 1999

Original source file: regional_freq.9904
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1999-04/REGIONAL_FREQ_1999-04.txt

1. [regional_freq] TAPR Board of Directors Election Reminder

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Thu, 8 Apr 1999 12:30:22 -0500
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-14723-1999.04.08-12.33.54--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a reminder to all TAPR members* that the TAPR Board of Directors
Election is happening until April 15th.

The current PSR supplied the necessary information for voting
electronically or via the mail.

If you don't know the web address or have lost your voter verification
number, then please send e-mail to tapr@tapr.org or call the TAPR office
(940) 383-0000 and Dorothy can supply you with the necessary information
for voting on-line.

The following people this year are running for the TAPR board of directors.

        Steve Bible, N7HPR
        Steve Dimse, K4HG
        Bob Hansen, N2GDE
        Steve Stroh, N8GNJ

Your vote as a member is important -- be sure to vote!

Cheers - Greg Jones, WD5IVD
President, TAPR

----
* membership current as of or before January 1, 1999 to be able to vote.

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399
----
e-mail: tapr@tapr.org   web: <http://www.tapr.org/>
ftp: ftp.tapr.org
phone: 940-383-0000   fax: 940-565-2544

You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

2. [regional_freq] TAPR activities at Dayton HamVention

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Date: Mon, 19 Apr 1999 12:58:12 -0500
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-16811-1999.04.19-13.03.42--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

TAPR Dayton Activities 1999
for details visit: http://www.tapr.org/tapr/html/Fdayton.html

----

TAPR Digital Forum on Friday

The schedule for the TAPR digital forum is:
        10:00 - 10:05am (5 min)
              Introduction to Forum, John Ackermann, N8UR

        10:05 - 10:30am (25min)
              TAPR Update, Greg Jones, WD5IVD

        10:30 - 11:00am (30 min)
              Linux AX.25 Update, John Ackermann, N8UR

        11:00 - 11:30am (30 min)
              PIC Development Update, Steve Bible, N7HPR and John Hansen, W2FS

```
        11:30 - 12:00noon (30 min)
              GPS Projects, Steve Bible, N7HPR

        12:00noon - 12:30pm (30 min)
              Compact Flash Card Project, John Koster, W9DDD

        12:30 - 1:00pm (30 min)
              TAPR APRS News, Steve Dimse, K4HG and Stan Horzepa, WA1LOU

        1:00pm - 1:45pm (45 min)
             FHSS Radio Project Update, Tom McDermott, N5EG

------------------------------

Attending the 1999 Dayton Hamvention?  Then don't miss out on PACK*BASH!

What?
       An event for the digitally-inclined ham, featuring:
        *  Buffet dinner
        *  "A Little Technology Goes a Long Way" -- Keynote address
                by Dave Pederson, N7BHC
        *  TAPR special interest group meetings
        *  "Birds of a Feather" gatherings

When?
        Friday evening, May 14, 1999
        Doors open at 7:00 pm; dinner served at 7:30 pm
        Speaker and meetings after dinner


Where?
        NCR "Sugarcamp" Conference Center, 101 W. Schantz Ave. --
        South of downtown Dayton, just west of Main St. (Rt 48).
        Maps available on the TAPR web site (www.tapr.org) or at the
        TAPR booth.


How?
        Dinner requires advance registration and payment through TAPR.
        Tickets will be available at the TAPR booth on Friday, though
        we strongly encourage registration <before> Hamvention.  The cost
        is $20.00 per person, tax and tip included.

        All amateurs are welcome to attend, enjoy the speaker, and
        particpate in the meetings, although only those purchasing a
        dinner can eat.

        To register, contact:
        PACK*BASH
        c/o TAPR
        8987-309 E. Tanque Verde Road #337
        Tucson, AZ   85749-9399

        Phone: (940) 383-0000
        Fax: (940) 566-2544
        Internet: tapr@tapr.org

        Visa/Mastercard Accepted

Who?
        PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet
        Radio, the national leader in digital communication -- and the
        Miami Valley FM Association, Dayton's packet radio club.


For more information (including maps), go to
http://www.tapr.org/tapr/html/dayton.html,
or send email to tapr@tapr.org.

You can request information via packet radio at
BASH@W8APR.#DAY.OH.USA.NOAM.
-----
Greg Jones, WD5IVD                 Austin, Texas
wd5ivd@tapr.org      http://www.tapr.org/~wd5ivd



---
You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
```

To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

3. [regional_freq] ARRL & TAPR 1999 DCC Announcement

From: Greg Jones <wd5ivd@tapr.org>
Date: Thu, 29 Apr 1999 16:00:10 -0500
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-18328-1999.04.29-15.56.37--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1999 ARRL and TAPR Digital Communications Conference
September 24-26, 1999
Phoenix, Arizona

Full announcement and details can be found
at: http://www.tapr.org/dcc

The 1999 ARRL and TAPR Digital Communications Conference will
be held September 24-26, 1999 in Phoenix, Arizona. This year's
conference location is just minutes away from the Phoenix Sky Harbor
International Airport (PHX).

Symposia, Seminars, Banquet

In addition to the presentation of papers on Saturday, three
symposia/seminars will be held. These sessions are provided to allow
those with additional time and interest to make the most of the Digital
Communications Conference. For those who may have interest in
just one symposium or seminar, registration for the conference is not
required to attend these activities. This allows maximum flexibility for
those who may want to participate during the Digital Communications
Conference, but do not have an entire weekend to devote to the event.

The Third APRS National Symposium will be held on Friday and will
be moderated by Steve Dimse, K4HG (the developer of javAPRS). It
will likely include many APRS software authors, such as Bob
Bruninga, WB4APR (the father of APRS), Keith Sproul, WU2Z, Mark
Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), Brent
Hildebrand, KH2Z (the developer of APRSPLUS), Mike Musick,
N0QBF (developer of PocketAPRS), and other nationally-known APRS
leaders. Join this group for the afternoon and evening for in-depth
discussions and presentations on the current and future status of
APRS. This is a unique opportunity to gain insight into this fast-
growing digital aspect of amateur operations that combines computers,
packet radio, and GPS (Global Positioning System).

Starting late Friday afternoon, a half-day technical seminar will be
held. In the past this seminar has covered topics such as RF, DSP,
Advanced Networking Topologies and other stimulating topics.

On Saturday night the DCC Banquet will be held. This year the
conference is proud to have Geoff Baehr, N6LXA, Sun Microsystems
Chief Network Officer at the banquet to speak. Sun Microsystems has
been doing some very exciting things in networking over the years and
the talk should be an interesting one. After the banquet there will be
time for special interest group gatherings.

The Sunday morning seminar will be focused on PIC development,
design, and programming. This five-and-a-half hour seminar will
focus on the things you need to know now in order to understand and
begin to participate in PIC development. PIC processors are becoming
very important in various project designs and implementations. This
seminar will by presented by the TAPR PIC Development team.

Fourth Annual ARRL and TAPR DCC Student Papers Award

ARRL and TAPR especially welcome papers from full-time students to
compete for the fourth annual student papers award. Two $500 travel
awards may be given, one in each of the following categories: a) best
technical/theory-oriented paper by a student, and b) best educational or
community-oriented application paper by a student. The paper should
relate directly to a wireless digital communication topic (see the
guidelines for more information). Papers co-authored by educators or
telecommunications professionals are also eligible for this award as

long as a student is the first author. The deadline for receipt of finished student paper manuscript is July 10, 1999. Please note that this deadline is different from the general conference paper submission date. For full details and paper guidelines contact TAPR or browse to http://www.tapr.org/dcc.

Call for Conference Proceeding Papers

Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the conference is not required for publication. The primary purpose of the conference is to communicate ideas and techniques regarding digital communications. Papers written in an informal style are welcome, as well as those written to academic standards. If you know of someone who is doing great things with digital communications, be sure to tell them about this! Papers are due by August 9, 1999, and should be submitted to Maty Weinberg, ARRL, 225 Main Street, Newington, CT 06111, or via e-mail to lweinberg@arrl.org. The paper submission guidelines are available on-line (http://www.tapr.org/dcc).

International Co-Host

PRUG (Packet Radio User Group of Japan) will be the International co-host for a second year running. PRUG will be hosting an informal social Friday evening before their seminar and symposium is held. Visit http://www.prug.or.jp for more information about the organization.

Full information on the conference and hotel information can be obtained by contacting Tucson Amateur Packet Radio, 8987-309 E. Tanque Verde Road #337, Tucson, AZ 85749-9399, phone 940-383-0000, fax 940-566-2544, e-mail tapr@tapr.org, browse www.tapr.org/dcc.

Sincerely,
  Greg Jones, WD5IVD, TAPR Conference Chair
  Steve Stroh, N8GNJ, Conference Manager
  Dan Meredith, N7MRP, Local Host Liaison
  Keith Justice, KF7TP, Local Host Liaison

Note: If you need conference handouts or flyers for ham club meetings, contact TAPR to get what you need!

Hotel Information

Conference presentations, meetings, and seminars will be held at the Holiday Inn Select Airport. Special DCC rooms rates are $69/single and $79/double per night. When making reservations with the hotel, be sure to indicate you are attending the ARRL and TAPR DCC in order to get the discount. It is highly recommended that you book your room prior to arriving. A block of 75 rooms is reserved until August 22, 1999. After the 75 rooms are booked, rooms will only be available in nearby hotels, so be sure to book your rooms early! The hotel provides transportation to and from the Phoenix Sky Harbor International Airport. Please contact the hotel to arrange specific transportation needs.

   Holiday Inn Select Airport (conference hotel)
   4300 E Washington
   Phoenix, AZ 850234
   Phone 602-273-7778, fax 602-286-1109

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399
e-mail: tapr@tapr.org   web: <http://www.tapr.org/>
ftp: ftp.tapr.org

phone: 940-383-0000   fax: 940-565-2544

You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

May 1999

Original source file: regional_freq.9905
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1999-05/REGIONAL_FREQ_1999-05.txt

1. [regional_freq] TAPR Dayton Activities 1999

```
From: Greg Jones <wd5ivd@tapr.org>
Date: Tue, 11 May 1999 21:54:45 -0500
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-20434-1999.05.11-22.32.22--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
TAPR Dayton Activities 1999
for details visit: http://www.tapr.org/tapr/html/Fdayton.html

We will be at our normal booth spaces (542 & 543)
Come on by and say hi!

Friday Morning - TAPR Digital Forum
Friday Evening -  TAPR PACK*BASH

------------------------------

TAPR Digital Forum on Friday

The schedule for the TAPR digital forum is:
        10:00 - 10:05am (5 min)
              Introduction to Forum, John Ackermann, N8UR

        10:05 - 10:30am (25min)
              TAPR Update, Greg Jones, WD5IVD

        10:30 - 11:00am (30 min)
              Linux AX.25 Update, John Ackermann, N8UR

        11:00 - 11:30am (30 min)
              PIC Development Update, Steve Bible, N7HPR and John Hansen, W2FS

        11:30 - 12:00noon (30 min)
              GPS Projects, Steve Bible, N7HPR

        12:00noon - 12:30pm (30 min)
              Compact Flash Card Project, John Koster, W9DDD

        12:30 - 1:00pm (30 min)
              TAPR APRS News, Steve Dimse, K4HG and Stan Horzepa, WA1LOU

        1:00pm - 1:45pm (45 min)
             FHSS Radio Project Update, Tom McDermott, N5EG

------------------------------

Attending the 1999 Dayton Hamvention?  Then don't miss out on PACK*BASH!

What?
       An event for the digitally-inclined ham, featuring:
        *  Buffet dinner
        *  "A Little Technology Goes a Long Way" -- Keynote address
                by Dave Pederson, N7BHC
        *  TAPR special interest group meetings
        *  "Birds of a Feather" gatherings

When?
        Friday evening, May 14, 1999
        Doors open at 7:00 pm; dinner served at 7:30 pm
        Speaker and meetings after dinner


Where?
        NCR "Sugarcamp" Conference Center, 101 W. Schantz Ave. --
        South of downtown Dayton, just west of Main St. (Rt 48).
        Maps available on the TAPR web site (www.tapr.org) or at the
        TAPR booth.


How?
        Dinner requires advance registration and payment through TAPR.
```

Tickets will be available at the TAPR booth on Friday. The cost
is $20.00 per person, tax and tip included.

All amateurs are welcome to attend, enjoy the speaker, and
particpate in the meetings, although only those purchasing a
dinner can eat.

Who?
PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet
Radio, the national leader in digital communication -- and the
Miami Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to
http://www.tapr.org/tapr/html/dayton.html,
or send email to tapr@tapr.org.

Greg Jones, WD5IVD   Austin, Texas
wd5ivd@tapr.org   http://www.tapr.org/~wd5ivd

You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

2. [regional_freq] 1999 TAPR Digital Forum @ HamVention

From: Greg Jones <wd5ivd@tapr.org>
Date: Mon, 31 May 1999 13:14:11 -0500
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-23579-1999.05.31-13.20.26--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The audio from the TAPR Digital Forum held during the 1999 Dayton
Hamvention is now available for listening. If you couldn't make the forum
this year, you can catch up on all the talks.

http://www.tapr.org/tapr/html/Fdayton99.html

Welcome to the TAPR Digital Forum
              John Ackermann, AG9V, Forum Moderator

TAPR Kit/Project/Organizational Update
              Greg Jones, WD5IVD (www)

Linux AX.25
              John Ackermann, N8UR

PIC-E Developments
              Steve Bible, N7HPR (www) and John Hanson, W2FS

GPS Projects
              Steve Bible, N7HPR (www)

Compact Flash Adapter
              John Koster, W9DDD

APRS Update
              Steve Dimse, K4HG and Stan Horzepa, WA1LOU

TAPR 900Mhz FHSS Radio Project
              Tom McDermott, N5EG

in addition Dave Pedersen, N7BHC, talk on "A Little Technology Goes a Long
Way" during the TAPR PacketBASH on Friday is available.

Cheers - Greg Jones, WD5IVD

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399
----
e-mail: tapr@tapr.org   web: <http://www.tapr.org/>
ftp: ftp.tapr.org

phone: 940-383-0000   fax: 940-565-2544

You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

July 1999

Original source file: regional_freq.9907
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1999-07/REGIONAL_FREQ_1999-07.txt

1. [regional_freq] 1999 ARRL and TAPR Digital Communications Conference

From: Greg Jones <wd5ivd@tapr.org>
Date: Thu, 1 Jul 1999 14:00:26 -0500
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-28273-1999.07.01-14.09.28--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1999 ARRL and TAPR Digital Communications Conference
September 24-26, 1999
Phoenix, Arizona

Web: http://www.tapr.org/dcc

It's that time again! Time to start making your travel plans and
thinking about what to publish for the upcoming 18th Annual ARRL
and TAPR Digital Communications Conference.

The 1999 ARRL and TAPR Digital Communications Conference will
be held September 24-26, 1999 in Phoenix, Arizona. This year's
conference location is just minutes away from the Phoenix Sky Harbor
International Airport (PHX).

For full details on the conference, refer to the web page listed above.

Contact TAPR to register for the DCC:

Tucson Amateur Packet Radio
8987-309 E. Tanque Verde Road #337
Tucson, AZ 85749-9399.
phone 940-383-0000, fax 940-566-2544
e-mail tapr@tapr.org, browse http://www.tapr.org

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org http://www.tapr.org/~wd5ivd

You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

September 1999

Original source file: regional_freq.9909
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1999-09/REGIONAL_FREQ_1999-09.txt

1. [regional_freq] DCC this coming Weekend in Phoenix

```
From: Greg Jones <wd5ivd@tapr.org>
Date: Sat, 18 Sep 1999 14:40:46 -0500
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-40265-1999.09.18-14.52.00--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

Don't forget that the 1999 ARRL and TAPR Digital Communications Conference
is being held this next week Sept 24-26 in Phoenix, AZ.

For more details visit: http://www.tapr.org/dcc

The tentative schedule and proceedings abstracts are now available on the
conference page.

Look forward to seeing you at this year's DCC.

Cheers - Greg Jones, WD5IVD

Greg Jones, WD5IVD
        President TAPR (http://www.tapr.org)
        PhD Candidate, Instructional Technology, UT Austin

email: wd5ivd@tapr.org
web: http://www.tapr.org/~wd5ivd

Experience is what you get when you were expecting something else.

You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

October 1999

Original source file: regional_freq.9910
Source: https://archive.org/details/TAPR_Software_Library_1999-11
Recovered from: https://archive.org/download/REGIONAL_FREQ_1999-10/REGIONAL_FREQ_1999-10.txt

1. [regional_freq] DCC recap

```
From: Greg Jones <wd5ivd@tapr.org>
Date: Thu, 14 Oct 1999 13:03:39 -0500
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Cc: "HF SIG  list   mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>,
        " TAPR/AMSAT DSP "<dsp@tapr.org>,
        "APRS SIG  list   mailing"<aprssig@tapr.org>,
        "NETSIG  list   mailing"<netsig@tapr.org>,
        "BBS SIG  list   mailing"<bbssig@tapr.org>,
        " tacgps "<tacgps@tapr.org>, aprsnews@tapr.org, mic-e@tapr.org,
        TAPR Regional Freq <regional_freq@tapr.org>
Message-ID: <LYR6749-44927-1999.10.14-13.15.56--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

1999 ARRL and TAPR Digital Communications Conference
September 24-26, 1999
Phoenix, Arizona
Greg Jones, WD5IVD

Another grand Digital Communications Conference! Special thanks go out to the workers at MARC for hosting locally and to PRUG for being our international co-host again. Also, a very special thanks to Geoff Baehr, N6LXA, Chief Network Officer of Sun Microsystems, for attending and giving the dinner talk on Saturday.   Steve Stroh, N8GNJ, and Tina Stroh did an excellent job in working the arrangements with the hotel in Phoenix once it was selected. Tina wasn't able to attend because they are in the midst of adopting a child. Congratualtions to Tina and Steve. Sheila Bible was a big help and will be working with Tina in the coming years to help coordinate the conferences as I take a lesser role in the conference. As in the past, audio and photos from the conference will be available on the TAPR web site (http://www.tapr.org/dcc).

Next year's DCC will be hosted in Orlando, FL. The date of the conference should be selected by the end of the year.

The conference started Friday afternoon with the third annual APRS National Symposium moderated by Steve Dimse, K4HG. The symposium was full of talks and projects. During the symposium yet another new mystery hardware project was discussed. This years was a sneak preview provided by Kenwood to all those attending the DCC of their new mobile APRS equipped radio. The following people spoke at the APRS Symposium.

APRSdos and TrakNet update
        Bob Bruninga, WB4APR
MacAPRS/WinAPRS Update
        Keith Sproul, WU2Z
XAPRS
        Keith Sproul, WU2Z
APRS+SA Update
        Brent Hildebrant, KH2Z
Internet and APRS
        Steve Dimse, K4HG
WinCE version
        Rob Wittner, KZ5RW
Kenwood TH-D7 Tricks, Treats, and Tragedies
        Stan Horzepa, WA1LOU
Arizona APRS
        David McCarthy, KC7AYX
APRS ICQ
        Tom Schaefer, NY4I
Microcontrollers and APRS
        Steve Bible, N7HPR
APRS Working Group Update
        John Ackermann, N8UR

The Friday Technical Seminar on HDTV by Allen Finne, KB5SQK was cancelled at the last minute when Allen cound not attend.

Friday night saw the annual DCC social, which was sponsored by PRUG. After the social, PRUG presented a technical paper highlighting their current development. The papers focused on what had been happening with their

prototype direct-sequence radio operating in the 2.4 GHz band. This prototype appears to be very well designed from an experimentation point of view.

As with past years, Saturday was split into two strands -- a paper session and a session featuring selected topics. As in previous years, the selected topic strand had fewer topics with more time to present. Four selected topics were presented. Steve Bible, N7HPR, presented an introduction to PICs. Guy Story, KC5GOI, presented an overview to APRS and discussed some of the latest happenings in the mode. Johan Forrer, KC7WW, did an overview and current status on HF communications. Bob Nielsen, W6SWE, did a talk on the current status of Linux in the amateur community. Thanks to all the selected topic speakers for taking the time to present more in-depth materials during the DCC.

The paper sessions included the following talks:
Regulatory Issue and Update
        Dewayne Hendricks, WA8DZP
ARRL Technology Task Force & The Technology Working Group
        Rich Moseson, W2VU
Arizona Packet Radio, Past Present and Future
        Keith Justice, KF7TP & Dan Meredith, N7MRP
APRS Mic-Lite
        Bob Bruninga, WB4APR
APRS for X-Windows (Linux)
        Keith Sproul, WU2Z
Automatic Weather Bulletins via APRS
        Keith Sproul, WU2Z
APRS Generic Digipeating Satellites for HT and Mobile Satellite Communications
        Bob Bruninga, WB4APR
XML and APRS
        Steve Dimse, K4HG
APRN: Automatic Picture Relay Network and SSTV Picture Server
        Keith Sproul, WU2Z & Bob Bruninga, WB4APR
APRS Stand Alone Message Receiver
        Keith Sproul, WU2Z
Proposal for a Spread Spectrum Transponder Payload on the International Space Station
        Matthew Ettus, N2MJI
UWB (Ultra Wide Band) Technology
        Dewayne Hendricks, WA8DZP
Status Report on TAPR 900MHz SS Radio Project
        Tom McDermott, N5EG
A Low-Cost HF Channel Simulator for Testing and Evaluating HF Digital Systems
        Johan Forrer, KC7WW
(Non Technical) Lessons to be learned from the PSK31 Phenomena
        Eduardo Jacob, EA2BAJ
A software Implementation for Federal Standard 1052 (Mil. Std. 188-110A HF Modems)
        Robert McGwier, N4HY
A Practical Approach to Implementing HF Digital Voice in the Amateur Service
        Charles Brain, G4GUO
HamWeb and HamStation
        Dale Puckett, K0HYD

For the banquet speaker, we were very fortunate to have Geoff Baehr, N6LXA, Chief Network Officer of Sun Microsystems. Geoff gave a very interesting and thought-provoking talk on the future of the Internet and networking in general and gave some comments on the future of amateur radio. We were very fortunate to have Geoff attend the conference and much thanks goes to Dewayne Hendricks, WA8DZP, for helping arrange another good banquet talk.

The Sunday morning seminar was a more time-intensive version of last year's introductory session on PIC development. Steve Bible, N7HPR, Steve Dimse, K4HG, John Hansen, W2FS, and Byon Garrabrant, N6BG gave a 5 hour long seminar on PIC development and programming issues. They showed lots of interesting projects and answered a lot of questions from the audience.

Thanks to all those that I missed mentioning who helped with the DCC and I look forward to seeing you next year!

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399
---
e-mail: tapr@tapr.org   web: <http://www.tapr.org/>
ftp: ftp.tapr.org
phone: 940-383-0000   fax: 940-565-2544

You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

May 2000

Original source file: regional_freq.0005
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/regional_freq-sig/mail_archive/regional_freq.0005

1. [regional_freq] Pack*BASH dinner at Dayton Hamvention 2000

From: John Ackermann <jra@febo.com> (by way of Greg Jones)
Date: Thu, 4 May 2000 14:27:08 -0500
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-81724-2000.05.04-14.33.27--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
Dayton Activities

Attending the 2000 Dayton Hamvention?  Then don't miss out on PACK*BASH!

What?
        An event for the digitally-inclined ham, featuring:
        *  Buffet dinner
        *  Keynote Address:  "Amateur Radio and Submarine NR-1"
           by CDR Chas Richard, W4HFZ, USN
        *  TAPR special interest group meetings
        *  "Birds of a Feather" gatherings

When?
        Friday evening, May 19, 2000
        Doors open at 7:00 pm; dinner served at 7:30 pm
        Speaker and meetings after dinner


Where?
        NCR "Sugarcamp" Conference Center, 101 W. Schantz Ave. --
        South of downtown Dayton, just west of Main St. (Rt 48).
        Maps available on the TAPR web site (www.tapr.org) or at the
        TAPR booth.


How?
        Dinner requires advance registration and payment through TAPR.
        Tickets will be available at the TAPR booth on Friday, though
        we strongly encourage registration <before> Hamvention.  The cost
        is $25.00 per person, tax and tip included.

        All amateurs are welcome to attend, enjoy the speaker, and
        particpate in the meetings, although only those purchasing a
dinner
        can eat.

        To register, contact:
        PACK*BASH
        c/o TAPR
        8987-309 E. Tanque Verde Road #337
        Tucson, AZ   85749-9399

        Phone: (940) 383-0000
        Fax: (940) 566-2544
        Internet: tapr@tapr.org

        Visa/Mastercard Accepted

Who?
        PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet
Radio,
        the national leader in digital communication -- and the Miami
        Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to
http://www.tapr.org/tapr/html/dayton.html, or send email to
tapr@tapr.org.
You can request information via packet radio at BASH@W8APR.#DAY.OH.USA.N
OAM.

--
John Ackermann   N8UR
Dayton, Ohio, USA
jra@febo.com --  http://www.febo.com
```

You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

September 2000

Original source file: regional_freq.0009
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/regional_freq-sig/mail_archive/regional_freq.0009

1. [regional_freq] Packet Setup

From: Junus Atmadja <yb0bp@yahoo.com>
Date: Thu, 14 Sep 2000 20:56:57 -0700 (PDT)
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-109343-2000.09.14-23.04.29--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I'm new to the Packet Radio. Kindly does anybody
advise me on,
1. How should I register myself and get the email
address/mailbox.
2. Where should I register and how much.
3. Where could I buy/download the software.
4. Which equipment is recommended.

Thanks,
Junus / YB0BP

=====
- ELECTRONIC MAIL FROM: -

Junus Atmadja / YB0BP
Indonesian Amateur Radio Organization

_____
Do You Yahoo!?
Yahoo! Mail - Free email you can access from anywhere!
http://mail.yahoo.com/

You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

2. [regional_freq] Re: Packet Setup

From: BILL HICKS <bhicks10@bellsouth.net>
Date: Fri, 15 Sep 2000 22:46:03 -0400
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-109573-2000.09.15-21.53.45--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Junus;
    My name is bill hicks and I live in the state of tennesse in the usa. My call
sign is KG4BHK. In regards to your question, Please check into "APRSSIG"---AMATUER
RADIO POSITIONING SYSTEM-SIGN IN GROUP---AT www.tapr.com.....You should be able to
find all the info you need at this site. If i may be of further help just let me
know. Good luck.
73/kg4bhk/bill hicks

Junus Atmadja wrote:

> Hi,
>
> I'm new to the Packet Radio. Kindly does anybody
> advise me on,
> 1. How should I register myself and get the email
> address/mailbox.
> 2. Where should I register and how much.
> 3. Where could I buy/download the software.
> 4. Which equipment is recommended.
>
> Thanks,
> Junus / YB0BP
>
> =====
> - ELECTRONIC MAIL FROM: -
>
> Junus Atmadja / YB0BP
> Indonesian Amateur Radio Organization
>
> _____
> Do You Yahoo!?

> Yahoo! Mail - Free email you can access from anywhere!
> http://mail.yahoo.com/
>
> ---
> You are currently subscribed to regional_freq as: bhicks10@bellsouth.net
> To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

---
You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

3. [regional_freq] Re: Packet Setup

From: w4eva <w4eva@fastransit.net>
Date: Fri, 15 Sep 2000 23:02:16 -0300
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-109575-2000.09.15-22.10.18--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Bill For the Help.. Joe NC

BILL HICKS wrote:

> Hi Junus;
> My name is bill hicks and I live in the state of tennesse in the usa. My call
> sign is KG4BHK. In regards to your question, Please check into "APRSSIG"---AMATUER
> RADIO POSITIONING SYSTEM-SIGN IN GROUP---AT www.tapr.com.....You should be able to
> find all the info you need at this site. If i may be of further help just let me
> know. Good luck.
> 73/kg4bhk/bill hicks
>
> Junus Atmadja wrote:
>
> > Hi,
> >
> > I'm new to the Packet Radio. Kindly does anybody
> > advise me on,
> > 1. How should I register myself and get the email
> > address/mailbox.
> > 2. Where should I register and how much.
> > 3. Where could I buy/download the software.
> > 4. Which equipment is recommended.
> >
> > Thanks,
> > Junus / YB0BP
> >
> > =====
> > - ELECTRONIC MAIL FROM: -
> >
> > Junus Atmadja / YB0BP
> > Indonesian Amateur Radio Organization
> >
> > _____
> > Do You Yahoo!?
> > Yahoo! Mail - Free email you can access from anywhere!
> > http://mail.yahoo.com/
> >
> > ---
> > You are currently subscribed to regional_freq as: bhicks10@bellsouth.net
> > To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org
>
> ---
> You are currently subscribed to regional_freq as: w4eva@fastransit.net
> To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

---
You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

4. [regional_freq] Re: Packet Setup

From: w4eva <w4eva@fastransit.net>
Date: Sat, 16 Sep 2000 00:29:47 -0300
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-109580-2000.09.15-23.37.31--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bill how did you get your APRS setup, cause there is a text readme page in the program
to answer all your questions.. How's that for an answer.. Joe in NC 73 Joe any thing

else.

w4eva wrote:

> Thanks Bill For the Help.. Joe NC
>
> BILL HICKS wrote:
>
> > Hi Junus;
> > My name is bill hicks and I live in the state of tennesse in the usa. My call
> > sign is KG4BHK. In regards to your question, Please check into "APRSSIG"---AMATUER
> > RADIO POSITIONING SYSTEM-SIGN IN GROUP---AT www.tapr.com.....You should be able to
> > find all the info you need at this site. If i may be of further help just let me
> > know. Good luck.
> > 73/kg4bhk/bill hicks
> >
> > Junus Atmadja wrote:
> >
> > > Hi,
> > >
> > > I'm new to the Packet Radio. Kindly does anybody
> > > advise me on,
> > > 1. How should I register myself and get the email
> > > address/mailbox.
> > > 2. Where should I register and how much.
> > > 3. Where could I buy/download the software.
> > > 4. Which equipment is recommended.
> > >
> > > Thanks,
> > > Junus / YB0BP
> > >
> > > =====
> > > - ELECTRONIC MAIL FROM: -
> > >
> > > Junus Atmadja / YB0BP
> > > Indonesian Amateur Radio Organization
> > >
> > > _____
> > > Do You Yahoo!?
> > > Yahoo! Mail - Free email you can access from anywhere!
> > > http://mail.yahoo.com/
> > >
> > > ---
> > > You are currently subscribed to regional_freq as: bhicks10@bellsouth.net
> > > To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org
> >
> > ---
> > You are currently subscribed to regional_freq as: w4eva@fastransit.net
> > To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org
>
> ---
> You are currently subscribed to regional_freq as: w4eva@fastransit.net
> To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

---
You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

5. [regional_freq] Re: Packet Setup

From: "Charles E. Gelm" <gelmce@erinet.com>
Date: Sat, 16 Sep 2000 16:58:01 -0400
To: "TAPR Regional Frequency Special Interest Group" <regional_freq@lists.tapr.org>
Message-ID: <LYR6749-109681-2000.09.16-16.09.57--lyris.regional_freq#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Howdy, Junus:

If you are talking about packet radio BBS:

0. Start here:
   http://www.choisser.com/packet/

1. You register at your local packet BBS.
   When you first connect, the pBBS will not know you (callsign)
   and will invite you to register. Depending on which pBBS
   software brand, it will ask for your name, location, zipcode,
   and home pBBS. (It won't ask for your callsign because it
   already got that when you connected ;-)

```
   At any time, you can change your name with the N command. e.g.
  N Agustus
   Would change your name to Agustus.
   If you want to change your City
  NQ Bejing
  NH W1AW    ( to change your home bbe to W1AW)
  NZ B6YZ1B  ( to change your zip code to b6yz1b)

2.  You register at your home pBBS and any other pBBS you might visit.
    Always declare the same home pBBS on all pBBSs that your register.
    It should be free.

3.  It depends on which type and brand of TNC or modem.
    A 'TNC-2 clone' can be used with any terminal (modem) program.
    Tell us which packet modem/hdlc/TNC you have and then someone
    can tell you what software you would need and where to get it.

4.  Sorry, Junus, I won't go there. ;-)
    Try visiting your neighbor hams that use packet and ask them.

HTH, Chuck nc8q

Junus Atmadja wrote:
>
> Hi,
>
> I'm new to the Packet Radio. Kindly does anybody
> advise me on,
> 1. How should I register myself and get the email
> address/mailbox.
> 2. Where should I register and how much.
> 3. Where could I buy/download the software.
> 4. Which equipment is recommended.
>
> Thanks,
> Junus / YB0BP
>
> =====
> - ELECTRONIC MAIL FROM: -
>
> Junus Atmadja / YB0BP
> Indonesian Amateur Radio Organization
>
> __________________________________________________
> Do You Yahoo!?
> Yahoo! Mail - Free email you can access from anywhere!
> http://mail.yahoo.com/
>
> ---
> You are currently subscribed to regional_freq as: GELMCE@ERINET.COM
> To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org

---
You are currently subscribed to regional_freq as: lyris.regional_freq@tapr.org
To unsubscribe send a blank email to leave-regional_freq-6749X@lists.tapr.org
```